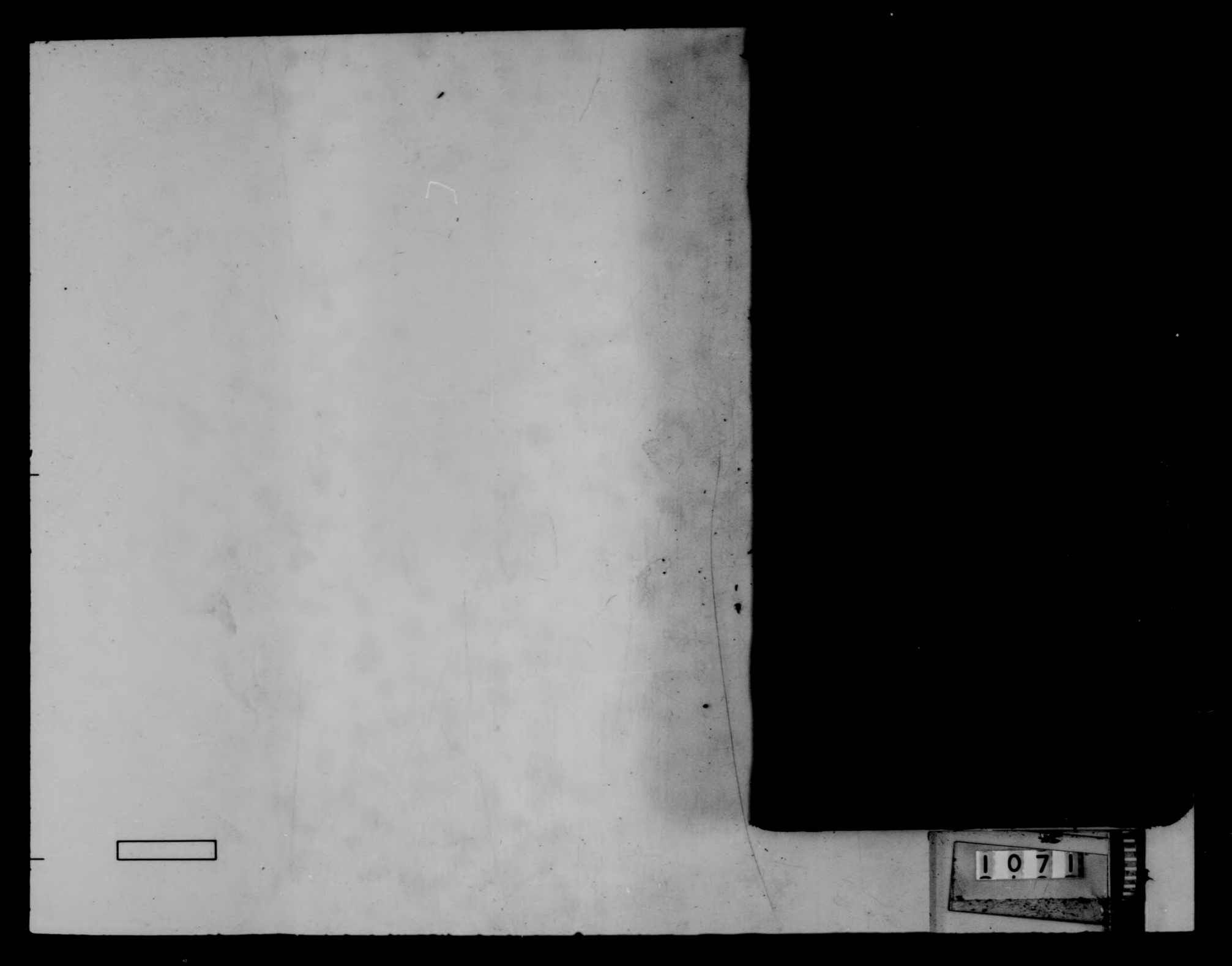

1071

INDEX

Sta To Sta	Page To Page	Line
354+35.2 474	2 – 16	Relocation "E"
354 – 295	16 – 23	Continued fr. Page 2 "E"
904+42.9 – 1214	23 – 70	Retracing "E"
	70	B.M. (Located on O.E.)
	71	" " (" ")

1072

Location Line "E" restaked

Elevations of replaced Stations

from Sta 354+35 South to 474

note-Continued on P17

June 8th 1905

BM. 20½	2.703	20.303		17.600
T.P.	4.315	20.008	4.610	15.693
354 +35	△ B.C.		4.5	15.5
+65			5.6	14.4
+95			5.5	14.5
355 +25			2.7	17.3
+55			2.9	17.1
+85			3.0	17.0
356 +15			2.9	17.1
+45			3.0	17.0
+75	△ C.C		2.70	17.31
357 +05			4.2	15.8
+35			5.1	14.9
+65			5.3	14.7
+95			6.0	14.0
358 +25			5.7	14.1
+55			4.2	15.8
+85			6.1	13.9
359 +15			5.9	14.1
"	△ E.C		6.52	13.49
T.P.	13.520	27.248	5.280	14.728
+50			13.6	14.6
360			11.1	16.1
+50			12.2	15.0
361			11.6	15.6
+00.7	△ B.C		12.67	14.58

Note – for notes as to way in which this BM was ascertained see Back Part of this Level Book

Turned from BM Hub at 354+35 up to BM 1421 then on to T.P. at Sta 373 – which checked all O.K.

on 4"×4" Post 40' L Sta 355 – near fence

on Transit Hub 354+35 B.C.

Side notes taken at time 19th " 1905

Fence 14.5 / 48' 14.1 / 42' 14.0 / 35'

Fence 16.0 / 42' 14.3 / 36' 15.0 / 28' 15.5 / 8'

Fence 13.4 / 39' 16.3 / 38' 16.3 / 11'

Fence 15.7 / 36' 16.7 / 26' 16.0 / 10'

C.C. Fence 14.4 / 34' 16.0 / 27' 15.3 / 11'

16.2 Fence 15.3 / 35' 15.0 / 6'

15.3

Fence 15.2 / 32' 13.9 / 31' 15.0 / 25'

18.6

14.5 Fence 15.1 / 31.5' 13.5 / 29' 15.7 / 26' 14.9 / 10'

15.2

13.6

Fence 13.9 / 83' 13.4 / 50' 14.9 / 27'

E.C.

Beg 2' L 359+50

Fence 15.1 / 23' 13.3 / 30' 14.9 / 26' 13.7 / 4' 13.5 / 22' 14.2 / 27' 14.6 / 42' 16.0 / 50' 9.7 / 60'

Fence 9.0 / 24' 13.3 / 8' 15.5 / 10' +20 / 24' 0.0 / 8' −22 / 10' −20 / 14' −7 / 20'

15.2 Fence 10 / 34' +10 / 4' +33 / 22' −7 / 10' −22 / 20' −20 / 20' −60 / 20'

14.4 Fence 9.0 / 32' +32 / 22' 8.0 / 8' −24 / 20' −34 / 15'

14.6

Level Line

Sand

1073

Retraced E Location

("W.S." Represents Water Surface.)

		27.748			
361 +50			10.7	16.5	
362			4.1	23.1	
+50			4.7	22.5	
363			2.9	24.3	
+15			1.7	25.5	
+50			2.9	24.3	
364			2.8	24.4	
+25			1.8	25.4	
+40	0.995	26.869	1.374	25.874	
+60			2.5	24.4	
+85			3.2	23.7	
+95			2.0	24.9	
365			3.2	23.5	
+10			5.6	21.3	
+50			5.0	21.9	
+70			5.0	21.9	
366			1.1	26.8	
+15			0.8	26.1	
+30			3.6	23.3	
B.M. #1	10.663	26.169	10.663	16.206	
+50			4.2	22.7	
			4.61	22.26	
367			5.6	21.5	
+50			6.1	20.8	
368			9.4	17.5	
B.M. #2½	4.476	21.132	10.313	16.656	
+60			4.7	16.4	

Old elev

15.4	Fence 00 362				+32 20	+10 12	-24 25	-5 33	water	
15.0	Fence 37	15.0 16	16.4 16		28.4 12	29.2 31	16.6 52	14.8 56	14.0 70	13.9 85	9.6 90
15.6	Fence 17.3	00 10	-5 10	-30 10	+31 10	00 20	-16 11	-28 15	-9 26	water
14.2	Fence 13	00 10	-5 14	-29 10	+29 20	00 21	-18 9	-32 30	-10	
14.1	Fence 11	00 12	-7 14	-33 10	+18 20	00 25	-16 25	00 25	water	
13.5	Fen 18	00 12	-33 7	-13 20	+13 17	-10 25	-18 30	-5	water	
15.3	Fence 12	00 15	-22 9	-12 30	00 12	-12 14	-30 30	-10	water	
14.6	Fence 45	17.5 24	16.5 17	17.2	24.6 10	28.0 31	18.4 54	14.5 61	9.6 79	
13.0		00 45	-32 8		+22 10	00 10	-17 46	water		
13.6	Fence 29.5	00 14	-32 7	-18	00 19	-17 24	-45 6	-20 15	water	

Note - the Pin has settled (since last condition)

Orig 30' L 366+40 - Old Elev 16.206

22.1	00 30	-25 15	-6 12		+10 16	16.206 .008 Adj	-15 25	-40 8	-5 15	
on Stake										
22.4	0 20	00 12	-27 14	00 8	00 4	+18 7	00 12	-17 13	-40 15	-10 8
21.4										
17.2										

Spike in Poplar Tree 40' L 368 + 10

1074

E Retraced

("W.S." Represents Water Surface)

		21.132				Old Elev.		-1.1		+1.1	+6.8	+6.8	+3.5	+1.8	44.5				
369			5.1	16.0				14.0		17.1	32.0	27.0	19.5	17.0	9.5				
+50			5.4	15.7				50		13	26	32	36	48	63				
370			5.6	15.5															
+50			5.2	15.9															
371			4.7	16.4															
+50			4.6	16.5					-2.2	-0.7	+2.3	+2.7	+2.6		44.5				
372			4.4	16.7		16.3			14.5	16.0	29.4	29.4	16.1	9.5					
+50			5.1	16.0					50	5	21	24	44	70					
373			4.9	16.2															
T.P.	4.746	21.426	4.452	16.680		on old Rod 8'L 373			OK. (old Elev 16.680)										
+50			4.3	17.1		16.6													
374			3.9	17.5		17.1													
+50			3.8	18.6		18.2													
375				22.3					14.4	17.0	27.3	27.5	24.4	15.8	9.5				
+20.	Hand Level			23.7					50	13	11	19	44	46	69				
+50				23.1															
376			1.5	19.9															
+50			0.4	21.0		21.4													
377			20.2	18.41															
+50			2.9	18.5		17.9			15.4	16.7	18.7	22.0	24.3	24.0	18.5	9.5			
378			3.6	17.8		18.1			50	8	5	12	23	46	72	92			
+50			2.8	16.6															
379			2.0	19.4		19.1													
TP	5.105	21.954	4.580	16.846															
+50			2.58	19.37															
+60			2.7	19.3		Fence 18.5													
+85			2.3	19.7		19.0													
						Skimming Slab North side of Building													

Levee

Sand

Time 10:

1075

E Retraced

("W.S." Represents Water Surface)

		21.952			old elev.
380					in Building
+15			2.5	19.5	South Side of Building
+50	△		4.46	17.49	
+53			4.2	17.81	16.5 1 ft. error in original levels
+55			4.1	17.9	
+60	}		2.5	19.5	Pri Road way
+75			2.7	19.3	
+80			4.3	17.7	+81 17.0
381			5.0	17.0	
+50			5.1	16.9	
B.M. 22½		.858	20.992	6.820 15.134	Nail in Base of Walnut Tree 145' L 381
382				4.7 16.3	
+50				4.8 16.2	
383				4.9 16.1	
+50	△			5.2 15.8	
384				5.0 16.0	
+50				5.4 15.6	
385				5.7 15.3	
TB		6.910	23.946	3.956 17.036	
+27				4.1 19.8	
"	△			3.86 20.08	
+40				4.5 19.4	
+50				3.8 20.1	Road at Ferry Landing
+60				3.0 20.9	
+70				4.9 19.0	Fence
+80				8.7 15.7	
386				8.5 15.4	

Earth Levees

	Toe		Top		Toe			WS
15.4	17.6	23.7	23.4	18.3	15.9	16.3	9.5
50	2	15	19	35	60	73	92

	Toe	Top	Top	Toe	WS
14.5	17.0	23.6	23.4	14.3	9.4
50	8	20	22	44	73

1076

E Retraced

					Old elev.	
386+30	E.C	23.936		15.5	E.C.	("W.S." Represents Water Surface)
386+45			7.1	16.8		
+50			5.5	18.4	19.5	
+60			3.6	20.3		
T.P.	0.570	27.338	3.168	20.768		
387			6.6	20.7		
+50			7.6	19.7		
388			9.5	17.8		
+06			10.2	17.1	16.7 Fence	
+08			10.6	16.7		
+12			11.3	16.0		
+50						
389			11.3	16.0		
+30			11.5	16.0	Fence	
+32				16.3		
+35		Hand Level		17.6		
+45				17.5		
+50			11.2	16.1		
390			11.2	16.1	16.7	
+50			11.8	15.5		
T.P.	2.670	22.677	7.331	20.007		
391			6.5	16.2	15.9	
+50			6.1	16.6		
392			6.0	16.7	16.3	
+50			6.1	16.6		
393			6.6	16.1		
+50			6.7	16.0		
394			6.4	16.3		
+50			6.6	16.1		

(Note)
"This Levee," where constructed of Earth, was not made by the Dredger, but was built by Scraper & Wheel Barrow work, the material having been taken from the Berm a space between the Toe of Slope of Levee and the River Bank

Earth Levee

				toe	top		top		toe		W.S.	
			30.8	20.4	23.3	23.3	19.1	16.5	9.4			
			21'	16	23	25'	33	70	85'			

E Retraced

		22.677			old elev.
395			6.6	16.1	
+50			6.8	15.9	
396			6.6	16.1	
+50			6.8	15.9	
TP	4.735	20.415	6.497	16.180	
397			4.8	15.6	
+50			5.1	15.3	
+80 Δ			5.0	15.4	16.29
+95			5.9	14.5	12.4 Ditch
398			4.7	15.7	
+05			5.0	15.4	
+50			4.8	15.6	16.1 Fence
+90			6.43	14.277	
TP	5.020	22.297	6.2	16.1	
399			6.3	16.0	
+50			5.93	16.36	
+65 Δ			5.9	16.4	
+75			5.1	17.2	
+80			4.7	17.6	House
+95			0.758	21.534	on Plug 50' R Sta 400 - old BM destroyed
400 TP	3.672	24.206			85 South of water Tank Support
+20			5.8	18.4	House
+30			6.2	18.0	
+40			7.9	16.3	
+45			7.9	16.3	
+50	+25 Δ		8.4	15.8	
401			8.0	16.2	
+50					

Earth Fence

15.3 / 50'	Ele 16.4 / 5'	22.6 / 20'	22.4 / 23'	16.6 / 38'	15.2 / 47'	18.7 / 67'	9.3 / 86'	water surface	
15.2 / 60'	Ele 16.5 / 8'	22.1 / 24'	21.6 / 40'	16.1 / 62'	14.0 / 84'	9.5 / 96'	water surface		

1078

E Retraced

			24.206		
401	+53			7.6	16.6'
	+85			5.8	18.4
	+95	△		4.47	19.74
402				4.7	19.5
	+30			9.0	15.2
	+50			9.4	14.8
403				10.1	14.1
	T.P.	4.000	20.386	9.820	14.386
	+50			6.4	14.0
	+60	△		6.0	14.4
404					
	+50			6.0	14.4
405				5.7	14.7
	+50			5.2	15.2
406				5.3	15.1
	+50			5.1	15.3
407				4.9	15.5
	+50			5.7	14.5
	+87.5			5.9	14.5
	"	△	B.C.	6.42	13.97
408				5.6	14.8
	+50			5.5	14.9
409				5.3	15.1
	+50			6.1	14.3
	T.P.	7.953	22.519	5.870	14.566
410		△		8.0	14.5
	+40			8.1	14.4
	+42			9.5	12.9

("W.S." Represents Water Surface)

Fence

County Road

			Tie		Tie		Tie		
			14.2	15.1	20.3	22.3	15.2	16.9	12.5	9.3
			50'	10'	1	22	49'	78'	85'	89'

17.5

+20 12.7

County Road

				Tie		Tie		Tie		W.S.
			14.6		14.9	22.2	21.7	16.4	13.9	12.4	9.3
			50'		10'	22'	37'	53'	55'	90'	94'

15.4

B.C.

on Flat

				Tie		Tie			W.S.
			14.5	15.3	22.1	22.0	16.4	13.5	9.3
			50'	14'	27'	41'	00	74'	86'

Earth Levee

Ditch

1079

E Retraced

9

		22,519			old elev. ("W.S." Represents Water Surface)
+45			7.8	14.7	
+50			8.2	14.3	
4+11			7.8	14.7	
+20			7.5	15.0	
+25			3.7	18.8	
+35			3.8	18.7	} Private Roadway
+50			3.7	18.8	
" 4			4.86	17.66	on Flat
+80			3.3	19.2	concrete walk
4+12			3.9	18.6	19.0
+20			4.1	18.4	
+30			7.6	14.9	
+50			8.5	14.0	
5+13			5.3	14.2	12.7
+50			6.4	16.1	15.4
+75			4.8	17.7	
4+14			6.1	16.4	
+50			4.0	18.5	+45 15.4
+72	3057	22,173	+053	18.466	
+60			1.6	20.5	
+70			2.0	20.1	19.4 Private Roadway
4+15			2.7	19.4	
" 4			3.44	18.68	On Walk
+35			3.0	19.1	18.4
+50			5.1	17.0	14.8
+70			6.0	16.1	
+16			6.9	15.9	14.6

Levee Made of Earth

Levee Made of Sand

1080

E Retraced

		22.123				
416+67 – ΔCC,			7.1	15.0	old elev	("WS." Represents Water Surface)
"			8.19	13.93	14.5	
417			6.7	15.4	13.87 on Hub	
+50			6.8	15.3	14.6	
418			6.8	15.3	14.2	
+50			7.1	15.0	14.2	
419			7.1	15.0	14.4	
+50			7.2	14.9	14.6	
TP			5.919	16.204	14.6	
B.M. "23½	1.775	19.729	4.169	17.954	on Water Table SW. Cor of Hacks Dwelling 70' L 416+25	
TP	3.650	19.854	3.525	16.204		
+75			4.8	15.1		
420			4.5	15.4	14.8	
+50			4.9	15.0		
421			4.9	15.0		
+50			4.4	15.5	15.2	
422			4.87	14.98		
+25			3.7	16.2	Fence	
+30			4.3	15.6		
+35			6.2	13.6	Ditch	
+38			4.5	15.4		
+50			4.6	15.3		
423			4.7	15.2		
+50			4.9	15.0		
424			4.7	15.2		
TP	7.887	23.371	4.370	15.484		
+50			8.2	15.2		

Sand Levee

E Retraced

		23,371			old elev. ("W.S." represents Water Surface)
+75			7.4	16.0	
425			8.1	15.3	
+50			7.6	15.8	
+95			7.8	15.6	
426			9.0	14.4	
+10			8.6	14.8	
+35			6.0	17.4	
+40 △			5.12	18.25	
+50			5.0	18.4	18.9
+65			5.2	18.2	
427			4.6	18.8	
+50			4.9	18.5	
428			5.1	18.3	
+50			4.6	18.8	
+50.9 △ EC.			4.6	18.8	
"			5.15	18.22	on Nub E.C.
+85			4.4	19.0	
+97			5.4	15.0	
429			8.1	15.3	15.9
T.P.			7.926	15.435	
T.P.	7.840	23.324		15.484	
BM #6	3.923	23.324	3.923	19.401	on Plug 50' R Sta 426 +40. old BM. destroyed
T.P.	4.75	21.910	7.889	15.435	
+50			7.0	14.9	
430			7.2	14.7	
+15			7.1	14.8	
+16			8.5	13.4	Ditch.
+18			7.0	14.9	

Sand Levee

14

E Retraced

		21.910			old elev.
+50			7.0	14.9	
431			7.2	14.7	
+50			7.1	14.8	
432			6.8	15.1	
+40			6.7	15.2	
+42			7.8	14.1	Ditch
+44			6.3	16.6	
+50			5.7	16.2	15.2
+55			3.3	18.6	Private Road Way
+67 △			3.1	18.8	
"			4.68	17.73	at Hal
+70			3.7	18.2	17.2
+75			6.8	15.1	14.8
+76			7.6	14.3	Ditch
+77			6.9	15.0	
433			6.8	15.1	
+50			6.4	15.5	
+97			6.5	15.4	Fence
434			6.7	15.2	
+50			7.2	14.7	
435			7.2	14.7	
+50			7.5	14.4	
436			7.2	14.7	14.2
+50			7.2	14.7	
TR	434	19.031	7.220	14.690	
437			4.1	14.9	
+50			4.2	14.8	

("W.S." Represents Water Surface)

Sand Levee

1083

E" Retraced

(W.S. Represents Water Surface)

		19.031			
438			4.4	14.6	Old elev.
+50			4.6	14.4	
439			4.7	14.3	
+50			4.3	14.7	
440			4.9	14.1	
+50			5.6	13.47	14.0 on Nail
BM. 75	4.778	19.031	4.778	14.253	on Plug 70' L Sta 441 +50 - old BM destroyed
441			6.7	12.3	10.7
+50			6.4	12.6	10.4
442			6.2	12.8	10.4
+50			6.8	12.2	11.9
+85			3.7	15.3	
443			3.8	15.2	
+50			5.0	14.0	
444			4.9	14.1	14.4
+17	7.085	21.119	4.997	14.034	
+50			7.0	14.1	
445			7.1	14.0	14.3
+50			7.2	13.9	
+65			8.4	12.7	
446			7.2	13.9	13.5
+50			6.9	14.2	
+90			8.6	12.5	
+91			6.6	14.5	
447			6.8	14.3	
+10			6.7	14.4	
+24			7.5	13.6	

Good Levee

1084

E Retraced

		21.119			Old elev. ("W.S." Represents Water Surface)
~~447+27~~ = 4					
447+26			2.38	18.74	
+36			3.0	18.1	Pvt - Roadway
+50			6.3	14.8	
448			6.5	14.6	
+20			7.6	13.5	
+50			7.7	13.4	
449			7.7	13.4	
+21			6.9	14.2	Fence
+32			6.7	14.4	
+50			7.2	13.9	13.5
450			7.7	13.4	
+50			7.6	13.5	
+58			7.8	13.3	141 Fence
+59			8.2	12.9	
+60			7.2	13.9	
451			7.0	14.1	
~~+72~~	4.172	18.380	6.911	14.208	
+80			3.2	15.2	
452			3.7	14.7	
+80			4.4	14.0	
453			4.3	14.1	
+80			5.0	13.4	
454			4.7	13.7	
+80			4.0	14.4	
455			5.0	13.4	
+80			4.7	13.7	

Sand Levee

	to	up	to			
13.3	14.0	22.6	22.5	17.3	14.2	9.1
20	30	55	66	84	89	114.0

	to	up	to			
14.0	14.5	22.8	22.6	17.1	14.5	13.7
60	61	82	93	109	115	122

1085

E Retraced

		18.380			
456			5.1	13.3	old elev.
+50			4.9	13.5	H.W. Mark of 1904 - Cut in Stump near Levee
457			4.7	13.7	opposite Sta 457 - Elev = 20.14 By J.H. Beach.
+50			4.7	13.7	
TP	4.703	19.043	4.040	14.340	
BM. 26			4.580	14.463	on Plug 20' R 457+65 - 2' South of Fence
" "	4.534	18.997		14.458	old Elev 14.458
458 △			4.99	14.00	.005
+50			5.2	13.8	on Hub
459			4.8	14.2	H.W. Mark 1902 - Nail driven in Tree By
TP	3.460	16.962	3.490	13.502	J.H. Beach Elev = 15.86 near Sta 457
+38 △					
+50			3.8	13.2	H.W. Mark of 1867 on Fence
460			4.0	12.9	- 12.5 at J.H. Beach opposite Sta 458
+50			4.7	12.2	Elev = 18.38
461			4.9	12.0	13.0
+50			4.3	12.6	
462 △			5.03	11.93	13.1
+50			4.5	12.4	
463			5.3	11.6	13.3
+50			5.8	11.1	
464			5.8	11.1	13.1
+50			5.8	11.1	
465			6.4	10.5	11.7
+50			6.0	10.9	
466			7.4	9.5	10.6
+50			7.8	9.1	
467			8.4	8.5	9.3

These Elevations are copied in Book No 5 on Page No 1 - Original notes were one foot too high - owing to Error between Sta 460 and Sta 474 - on Bench Level Line

1086

E Retraced

		16.962		old elev.
+50		9.3	7.6	
468		9.5	7.4	8.6
+50		10.0	6.9	
469		10.6	6.3	7.4
+50		11.0	5.9	
470		11.1	5.8	6.9
+50		11.2	5.7	
471		11.2	5.7	6.7
+50		11.4	5.5	
472		11.5	5.4	6.4
+50		11.6	5.3	
+92		11.0	5.9	6.7
+94 △		11.20	5.76	6.4
473		11.5	5.4	6.4
+50		11.2	5.7	
474		10.8	6.1	
B.M. 37		11.170	5.794	Plug at Fence 35'L 473 - old elev = 6.759
B.M. 38		9.150	7.817	Plug at Base of Pole in Fence 50'R 475+90

See Location Book No 5
Page 3

1087

Continued from Page 2 - Line backed in

("W.S." Represents Water Surface)

BM. N°20½	2725	20.355		17.600
354 △			587	14.47
+50			64	13.9
353			6.1	14.2
+50			6.0	14.3
+50 old			4.6	15.7
" New Elev.			4.8	15.51
+48			4.7	15.6
352 +68	{351+66.8 E.C. = 351+64.2 △ on Tang}		4.9	15.4
+68.2 △ E.C.			5.3	15.0
"			5.70	14.64
+50			5.2	15.1
351			5.2	14.9
+50			6.0	14.3
350			5.5	14.5
+50			6.1	14.2
349			6.1	14.2
BM. 20	3603	18.942	4.996	14.339
+50			5.0	13.9
348			4.6	14.3
+50			4.8	14.1
347			4.7	14.2
On R.P. Hub for B.C.			5.586	13.356
+73.5 △ B.C. 1°L			4.8	14.1
"			5.51	13.43
+50			5.4	13.7
346			5.6	13.3

Old Ele

on Hub

Side notes taken June 19th 05

16.0 Face

Continued from E.A. Line, E.C. Level #8, page 30.

on Hub

Abandoned

on Bldg 35' L 349 Rear Face - chisel old Elevation = 15.339

on R.P. Hub at S.W. Cor of old Tank 80' L 347+50

on Hub

1088

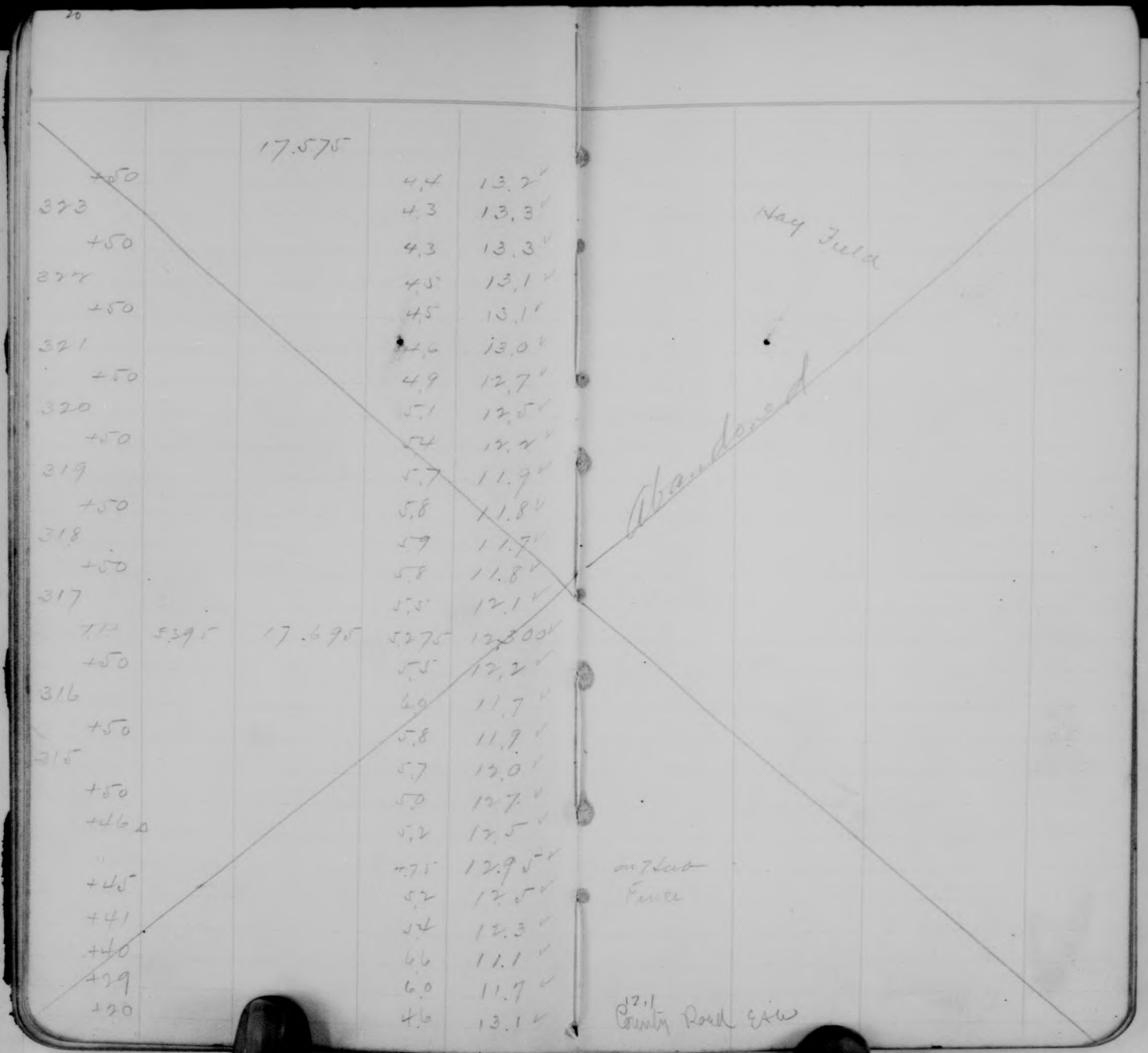
		18.942			old elev.
+50			6.2	12.7	
345			6.1	12.8	
+50			6.3	12.6	
344			6.5	12.4	
+50			6.5	12.4	
343			6.5	12.4	
TP	5.590	18.340	6.192	12.750	
+50			5.8	12.5	
342			5.7	12.6	
+68			5.6	12.7	Fence Abandoned
+55			5.4	12.9	Dirt Roadway
+50			5.2	13.1	
341			5.4	12.9	Hay Fields
+50			5.5	12.8	
340			5.8	12.5	
+50			6.2	12.1	
339			6.9	11.4	
+50			7.2	11.1	
338			7.1	11.2	
+50			7.4	10.9	
337			7.4	10.9	
+50			7.4	10.9	
BM "19½	7.845	14.450	6.718	11.645	on Plug 40' L 336 +50 - near Fence Post.
336			3.7	10.8	
+50			4.0	10.5	
335			4.0	10.5	
+50			4.4	10.1	

1089

		14.450			old elev.
334			4.5	10.0	
"			5.28	9.37	on Hub
+50			5.1	9.4	
333			6.4	6.1	
+50			7.6	6.9	
+05			7.8	6.7	Surface of water in Sketch
332			7.4	7.1	5.7 Edge of Ditch
+90	Elevations taken from Water Surface			4.1	
+80				1.9	
+50				1.0	
+40				5.2	
+05			7.8	6.7	
331			8.1	6.4	6.7 Abandoned Hay Rake
+50			6.5	8.0	
330			5.5	9.0	
BM. 19	7.310	16.850	4.910	9.540	Old BM. destroyed on Plug 40' Lt 330 - Near Small Oak Tree
+50			7.1	9.8	
329			6.2	10.7	
+50			5.9	11.0	
328			5.6	11.3	
+50			5.2	11.7	
327			4.8	12.1	
+50			4.7	12.2	
326			4.8	12.1	
+50			4.8	12.1	
325			4.5	12.4	
+50			4.5	12.4	
TP	1.895	17.675	4.100	12.750	
324			4.9	12.9	
"			5.43	12.15	

June 15th 1905

1090


17.575
+50
4.4 13.2
373
4.3 13.3
Hay Field
+50
4.3 13.3
372
4.5 13.1
+50
4.5 13.1
371
4.6 13.0
+50
4.9 12.7
370
5.1 12.5
+50
5.4 12.2
369
5.7 11.9
+50
5.8 11.8
368
5.9 11.7
+50
5.8 11.8
367
5.5 12.1
Abandoned
712 5.39 17.695 5.275 12.300
+50
5.5 12.2
366
4.9 11.7
+50
5.8 11.9
365
5.7 12.0
+50
5.0 12.7
+46
5.2 12.5
+45
5.75 12.95
+45
5.2 12.5
Fence
+41
5.4 12.3
+40
4.6 11.1
+39
6.0 11.7
+30
4.6 13.1
County Road E&W

		17.695			
+08			4.6	13.1	
314			5.7	12.0	13.00
+94			5.0	12.7	
+72			4.6	13.1	Porch
+66			4.5	13.2	House
+41			4.8	12.9	"
+30			4.8	12.9	
"			4.7	13.0	on line
313			5.3	12.4	
+50			5.1	12.6	
312			5.1	12.6	
+50			5.1	12.6	
B.M. "18	2.140	15.996	4.839	12.856	Plug 50' L Sta 311 - near Fence.
311			3.3	12.7	Old Elev = 12.862
+50			3.3	12.7	12.856
310			3.3	12.7	.006 dif
+50			3.7	12.3	
309			4.5	11.5	
+50			5.1	10.9	
308			5.3	10.7	
+50			4.7	11.3	
+25			6.1	9.9	
307			6.0	10.0	
+50			5.9	10.1	
306			5.7	10.3	
+50			5.1	10.9	
TP	5.990	16.884	5.104	10.894	

Above Ground

Ground Level

1092

		16.884			
305				6.1	10.8'
"				6.7	10.2'
+50				5.9	11.0'
304				6.0	10.9'
+50				5.8	11.1'
303				5.4	11.5'
+50				5.1	11.8'
302				5.6	11.3'
+50				5.4	11.4'
301				5.6	11.3'
+50				5.3	11.6'
300				5.3	11.6'
+50				5.2	11.7'
299				5.2	11.7'
+50					12.1'
298					12.3'
BM #17½	3847	16.689		4.042	12.842	on Plug at Fence 50' L 298.
+50				4.0	12.7'
297				3.9	12.8'
+50				3.7	13.0'
+41				3.2	13.5'	Fence
+40				3.14	13.55'	Rail
296				4.2	12.7'

From Book No 8
Page 33

1093

Turn between BMs to check "M" Line

"E" BM.	4.247	19.816		15.469
TP	3.900	20.396	3.320	16.496
TP			4.494	15.902
TP	4.310	20.566	4.140	16.256
TP	5.030	20.366	5.230	15.336
BM			3.802	16.564

July 1st 1905

On Cotton Wood Tree 50' R. 861 + 50

Check on Nail in Fence Post Elev = 15.923
This Check is from the "M" Line 15.902
.021 Diff

Check on "E" BM Elev = 16.564
16.533
.031 Diff

25' R - Sta 861 + 40 near Fence Cor.
Elevations carried from the "M" Line

Retracing "E" Line - South from Sta July 1 - 1905

T.P.	3.350	16.700		13.350
908+50			3.4	13.3
+93			3.2	13.48
+93			3.7	13.0
909			3.8	12.9
+30			3.9	12.8
+38			4.2	12.5
+50			4.3	12.4
910			5.5	11.2
+50			4.1	12.4
+75			3.5	13.2
+80			4.5	12.2
+90			3.4	13.3
911			4.3	12.4
+50			4.0	12.7
"			4.46	12.24

908 + 42.9 E.C.

on Nut at 908 + 42.9 E.C.

on Nut on Ground

Cowalt Road

Abandoned

Set Boulder

Set Trees along River Bank from Sta 900 to 1002 Also the Levee here is made of Earth between same Stations

1094

24.

"E" Retraced

		16.700		
912			4.7	12.0
+50			5.1	11.6
913			4.2	12.5
TP	4.838	17.668	3.870	13.830
+50			4.2	13.5
+58	} Kiwali Roadway		1.1	16.6
+70			1.1	16.6
+76 △			5.7	12.60
+84			5.7	12.0
914			5.6	12.1
+50			5.9	11.8
TP	4.703	16.[illegible]	6.042	11.636
+88.6			4.9	11.4
" △			5.20	11.13
915			5.1	11.2
+50			5.2	11.1
916			4.5	11.8
+50			3.7	12.6
917			3.[illegible]	12.7
+50			4.6	11.7
TP	5.210	16.716	4.823	11.506
918			5.5	11.2
+50			2.8	13.9
+70			2.5	14.2
919			2.3	14.4
+02 △ BC.			2.44	14.27
+38			1.6	15.1

Abandoned

Plan of Orchard

Abandoned

Water Elev July 7th 1905

		Top		Branch		W.S.
130	237	220	151	117		41
31	51	73	86	98		112

Ledges Road on left

		Top		Branch		W.S.
131	234	220	154	124		41
25	24	47	96	89		99

Ledges Road

		Top		Branch		W.S.
134	234	221	157	121		41
24	40	52	64			76

1095

"E" Retraced

		16.716		
T.P.	6.650	22.518	0.848	15.868
919 +62			6.0	14.5
+92			4.8	17.7
920 +22			7.4	15.1
+52	C.C.	1°30'R	7.7	15.25
921			7.3	15.2
+50			4.7	17.8
922			2.8	19.7
"			1.8	20.74
+20	B.M. Elev = 24.780		2.2	20.3
+50			4.2	18.3
923			7.0	15.5
+50			5.5	14.0
924			9.4	13.4
T.P.	4.450	17.780	9.18	13.330
+11	C.C.		4.46	13.32
+41			4.6	13.2
+71			4.5	13.3
925 +01			4.6	13.2
+31			4.5	13.3
+61	C.C.		4.45	13.33
926	Old notes Book No 1		4.5	13.3
+50	Page 50		4.9	12.9
927			4.7	13.1
+52	B.C. 1½		5.02	12.76
+52			4.7	13.1
+85			4.6	13.2

Abandoned

Abandoned

on Cottonwood Trail 30'R 922+40

"I" Retraced

1096

E' RETRACED

			17.780		
928 +15				4.5	13.3
T.P.	3.738		17.778	3.740	14.040
+45				4.5	13.3
+75				4.6	13.2
929 +05				4.7	13.1
+35		CC. 2°L		4.9	12.9
"	△			5.6	12.2
+50				4.6	13.2
930	△			4.82	17.96
+50				4.9	17.9
931				4.6	13.2
+50				4.6	13.2
932				4.6	13.2
+50				4.5	13.3
+66		CC.		4.5	13.3
"	△			4.54	12.44
+96				4.5	13.3
933 +96				4.3	13.5
+56				4.3	13.5
+86				4.5	13.3
934 +16				4.6	13.2
+46				4.6	13.2
T.P.	3.893		17.716	3.912	13.823
T.P.	1.893		18.002	1.607	16.109
+76	△	EC.		4.76	13.24
935				4.6	13.4
+50				4.7	13.3

Abandoned

L C R

on Hub

on Hub

July 3rd 1941

1097

27

E Retraced

		18.002		
936			5.0	13.0
+50			4.7	13.3
937			4.2	13.8
+50			2.3	15.7
+89 △			3.36	14.64
938			3.3	14.7
TP	6.870	22.979	1.893	16.109
B.M.	9.795	22.979	9.795	13.184
+10			7.8	15.2
+25			8.1	14.9
+30			9.0	14.0
+50			9.5	13.5
939			9.4	13.6
+50			10.2	12.8
940			10.1	12.9
+50			10.0	13.0
941			10.1	12.9
+50			10.5	12.5
942			10.9	12.1
TP	4.598	10.57	10.520	12.459
+50			4.5	12.6
943			4.2	12.9
+50			3.9	13.2
944			4.1	13.0
+21 △			4.7	12.9
" △			+57	17.49
944+63½ △			3.93	13.13

Abandoned

on Orf Line 75' R 938+50

E Retraced

		17.057			
BM.	4.080	17.057	4.080	12.977	Nail at base of Plum Tree - 5ft Tree 60' L 944+80
945			3.7	13.4	
+50			4.0	13.1	
946			4.1	13.0	
+50			3.5	13.6	
947			3.9	13.2	
+50			4.8	12.3	
948			4.5	12.6	
+50			4.0	13.1	
TP	2.420	15.882	3.575	13.462	
949			2.9	13.0	
+50			2.9	13.0	
950			2.8	13.1	
+50			3.1	12.8	
+75			3.20	12.68	
951			3.3	12.6	
+50			2.C	13.8	
952			2.5	13.4	
+50			3.1	12.8	
953			2.7	13.2	
+50			3.1	12.8	
954 +94.2			3.8	12.1	
+50			3.9	12.0	
955			3.3	12.6	
TP	3883	18.110	1.655	14.455	
+50			5.1	13.0	
+62 BC. (not marked BC.)			5.1	13.0	
"			5.09	13.021	

Abandoned

tree	top					ws.
14.1	19.1	16.5	16.4	12.3	9.8	3.9
6	18	26	Ring	54	69	73	85

tree	top					ws.
13.0	19.1	16.5	16.0	12.7	12.8	3.7
5	19	26	37	46	76	84

Ring

tree	top					ws.
13.5	18.7	16.5	16.8	12.1	11.7	3.9
6	19	26	Ring	37	71	70	84

tree	top					ws.
12.7	18.4	16.3	16.1	12.5	12.2	12.3	3.8
5.7	20	27	Ring	36	47	66	75	84

tree	top					ws.
13.4	18.5	16.5	16.5	13.4	12.5	3.8
6	20	28	39	49	70	84

Ring

1099

		18.110		
956			5.1	13.0 ✓
+30			4.1	14.0 ✓
+50			1.8	16.3 ✓
+53			0.8	17.3 ✓
957			0.6	17.5 ✓
+25			0.8	17.3 ✓
+30			4.7	13.4 ✓
+50			6.0	12.1 ✓
958			5.6	12.5 ✓
TP	6920	20.850	6.980	13.930 ✓
+50			8.4	12.5 ✓
959			8.3	12.6 ✓
+15			7.3	13.6 ✓
+20			3.7	17.2 ✓
+40			3.0	17.9 ✓
+50			2.7	18.2 ✓
+95			2.6	18.3 ✓
960			3.6	17.3 ✓
+15 Δ EC. (not marked EC.)			5.16	15.69 ✓
BM	6438	20.850	6438	14.412 ✓
+25			8.1	12.8 ✓
+40			8.2	12.5 ✓
TP	6100	20.512	6438	14.412 ✓
TP	4730	16.872	7.870	12.642 ✓
+95 Δ			4.8	17.1 ✓
961			4.8	17.1 ✓
+50			9.1	11.8 ✓

Abandoned

	Tie	Top						
	13.4	18.4	13.0	12.8	12.9	11.7	3.8	
	6	21	30	40	48	80	92	
	Tie	Top						
	12.4	18.3	15.7	15.6	13.8	12.0	3.8	
	3	18	27	41	46	81	102	
	Tie	Top	Tie					Top
	12.5	19.3	18.8	14.1	12.8	13.6	11.0	3.7
	8	20	26	29	67	90	116	119

on Cottonwood Tree 90' R 960

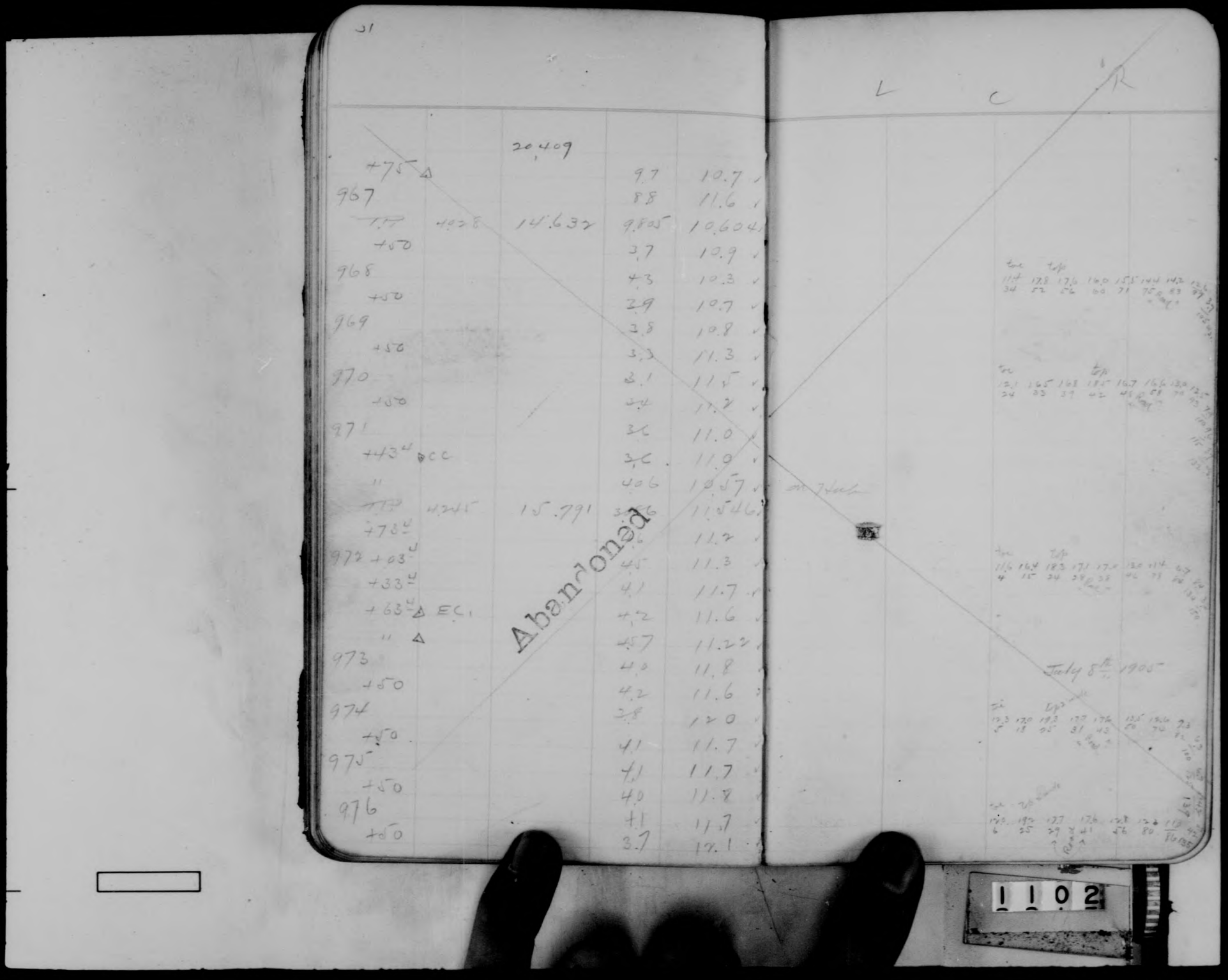
1100

		16.872		
962			5.0	11.9
+50			4.7	12.2
+70			5.0	11.9
+80	} Road way		1.2	15.7
+90	} Road way		1.1	15.8
+98			4.7	12.2
963			4.8	12.1
+50			5.7	11.2
+68±	Δ B.C.		5.6	11.3
+98±			5.5	11.4
964+15			5.3	11.6
TP	7.15	∓0.964	3960	12.912
964+28±	} Road way		2.0	18.1
+36	} Road way		2.2	17.9
+45			8.3	11.8
+58±			7.9	12.2
+88±	Δ C.C.		6.4	13.7
B.M.	5.850	∓0.970	3.944	12.170
965			7.3	13.7
+35			7.1	13.9
+40			4.6	16.4
+45			5.2	15.8
+50			6.7	14.3
+65			8.1	12.9
966			8.3	12.7
TP	7.67±	∓0.909	3.936	17.134
+50			9.3	11.1

Abandon 37.944

on Plug 60' R 964+72 old Elev = 15.134
15.120
.014

1101


L
C
R
20,409
+75
967
+50
968
+50
969
+50
970
+50
971
+43
CC
+78
972
+03
+33
+63
EC
973
+50
974
+50
975
+50
976
+50
Abandoned
July 8th 1905
1102

			15.791		
977				3.8	12.0
+50				3.7	12.1
978				3.9	11.9
+50				4.5	11.3
979				4.6	11.2
+50				4.5	11.3
TP	6.183	17.744	4.230	11.561	
980				5.9	11.8
"				6.30	11.44
+40				5.8	11.9
+45				2.7	15.0
+50	Roadway			3.1	14.6
+55				2.7	15.0
+60				5.3	12.4
981				4.4	13.3
+50				5.5	12.2
982				4.9	12.8
+20				2.9	13.8
+50				2.3	15.4
+55				1.65	16.09
+90				1.5	16.2
983				4.5	13.2
+02				5.2	12.4
+50				5.4	12.3
B.M.	3.248	17.744	3.248	14.496	Nail in Beech Tree - 3' above ground - 50' L 982 +15
TP	2.980	15.689	5.035	12.709	

Abandoned

L C R

Toe	Tip of Bank							
12.4	19.5	18.7	18.0	13.5	10.4	4.7		
6	25	29	40	49	83	105		
		Roadway						

Toe	Tip of Bank							
12.0	18.7	17.2	16.4	11.3	10.4	4.2		
3	22	29	40	55	68	81		
		Roadway						

on Road

"

Toe	Tip of Bank				Bench placed			
13.4	18.7	16.0	15.5	13.2	4.2			
8	23	29	40	69	72			
		Road						

1103

L C R

		10.689		✓
984			3.9	11.8
+50			3.8	11.9
985			3.4	12.3
+50			3.9	11.8
986			3.9	11.8
"			4.61	11.08
+50			3.9	11.8
+80			3.7	12.0
+90			0.6	10.6
987			1.0	14.7
+05			2.0	13.7
+10	Roadway		3.7	12.0
+50			4.2	11.5
988			4.1	11.6
+50			4.2	11.5
989			4.0	11.7
+50			3.9	11.8
990			4.1	11.6
+50			4.4	11.3
991			4.1	11.6
+50			4.0	11.7
992			4.1	11.6
TP	4.130	16.359	4.060	11.629
+50			4.8	11.6
993 =				
992 +98½	BC, T2		4.0	11.4
"			4.14	11.64

Abandoned

on Hut

	tie	top						
	11.9	20.1	20.3	15.1	15.0	13.3	12.0	43
	2	16	23	31 Road	43	51	58	65
	tie	top						46
	12.3	19.4	19.6	15.6	15.1	12.0	11.4	42
	4	17	25	29 Road	41	54	58	63
	tie	top						42
	11.7	18.8	18.7	14.6	14.5	9.3	43	
	4	16	24	31 Road	43	48	52	
	tie	top						44
	11.9	18.4	18.6	14.5	14.4	10.1	48	
	2	15	19	33 Road	45	55	60	
	tie	top						43
	11.6	18.2	18.6	14.7	14.6	11.5	12.2	43
	3	15	20	29 Road	43	52	62	47

Short tie from 993 to 992 = 98½

on Hut

1104

24

L C R

16.359

993+28 ℄			4.1	12.3	
+58 ℄			4.1	12.3	
+88 ℄			4.1	12.3	
994+18 ℄ △ CC 5ª L			4.4	12.0	
"			5.33	11.03	on Hub
+30			3.7	12.7	
~~TP~~	4.925	+0.766	1.018	15.341	
+45			1.5	18.8	
+50			1.5	18.8	
+85			1.4	18.9	
995			3.7	16.6	
BM.	0.808	+0.766	0.808	19.458	on large Tree 40' R 995 - old Elev = 19.483
+06 ℄ △ CC.			4.12	16.15	19.458
+15			4.1	16.2	.025
+36 ℄			9.6	12.7	
+40			8.2	12.1	
+66 ℄			8.6	11.7	
+96 ℄	Sta 996+26 ℄ Sta		8.5	11.8	
996+26 ℄ △ EC,	1944 +50		8.3	12.0	
" △	See Book No 8 - Page 236 25		8.46	11.41	on Hub
+60			7.7	12.6	
~~TP~~	5.158	+7.914	2.510	17.756	
997	not set				
+10			4.7	18.7	
+27 ℄ △ BC.			4.0	18.9	
" △			3.78	19.13	on Hub
+57 ℄			4.3	18.6	

Note - Abandoned

	tree	top				Brushfield		ms
	12.0	19.6	19.4	17.0	16.3	9.6	9.0	44
	3	20	30	32	42	58	64	67

	tree	top					ms
	12.4	18.8	18.7	15.8	15.5	10.8	44
	19	34	48	54	62	69	74

1105

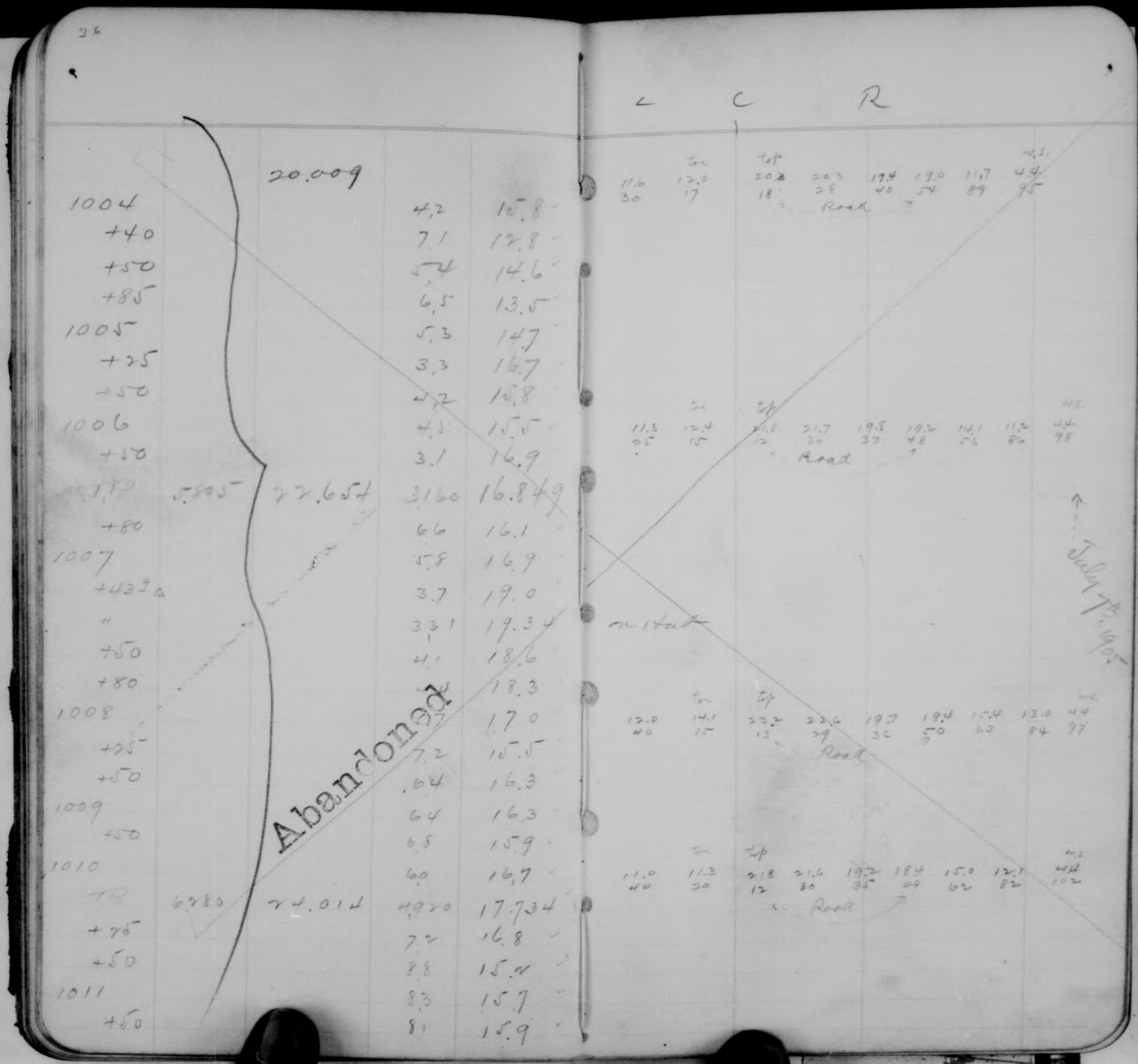
L C R

22.914

						Tac	Hip		Toe	Hip			
+87 3			4.5	18.4		13.0	13.6	18.7	19.7	19.5	13.4	17.4	19.0	4.5
998 +17 3			3.7	19.2		30	15	5	8	19	36	44	92	101
+47 3 △ C.C.			4.00	18.91					Road					
+50			4.1	18.8										
999			4.8	18.1										
+50			4.5	18.4										
1000			3.5	19.4										
T.P. 3.828		19.267	6.475	16.439		+ 7.185 Hand Level								
+09 3 △ C.C.				19.95		3.6	7	23.624						
+39 3				20.6		3.0	12.0	12.2	20.7	18.6	18.3	13.0	4.5	
+45				21.3		2.3	30	16	4	25	44	79	98	
+69 3			2.1	17.2					Road					
+75			4.3	15.0										
+99 3			4.7	14.6										
1001 +29 3 △ E.C.			3.20	15.97										
+50			1.7	17.6										
+60			3.5	15.8										
+65			1.3	18.0										
+70			0.6	18.7										
1002			2.8	16.5			Toe	Hip		Toe				
T.P. 5.820		7 0.009	5.078	14.189		11.1	13.1	22.3	20.1	23.2	14.3	9.6	4.5	
+50			3.9	16.1		25	11	13	46	59	75	90	97	
1003			4.7	15.3					Rear					
+40			4.7	13.3										
+50			5.6	14.4										
+70			2.5	17.5										
+82 3 △			2.25	17.76										

Abandoned

1106


L C R
20.009
1004
+40
+50
+85
1005
+25
+50
1006
+50
TP .5895 22.654
+80
1007
+439 Δ
"
+50
+80
1008
+25
+50
1009
+50
1010
TP 6780 24.014
+75
+50
1011
+50
4.2 15.8
7.1 17.8
5.4 14.6
6.5 13.5
5.3 14.7
3.3 16.7
4.2 15.8
4.5 15.5
3.1 16.9
3160 16.849
6.6 16.1
5.8 16.9
3.7 19.0
3.31 19.34
4.1 18.6
18.3
1.7 0
7.2 15.5
.64 16.3
6.4 16.3
6.5 15.9
6.0 16.7
4920 17.734
7.2 16.8
8.8 15.4
8.3 15.7
8.1 15.9
Abandoned
tan tgt
11.6 17.0 20.2 20.3 19.4 19.0 11.7 4.4
30 17 18 28 40 54 89 95
Road
tan tgt
11.3 12.4 21.8 21.7 19.8 19.2 14.1 11.2 4.4
35 15 12 20 37 48 56 80 98
Road
tan tgt
12.0 14.1 22.2 22.6 19.7 19.4 15.4 13.0 4.4
40 15 13 29 36 50 63 84 97
Road
tan tgt
11.0 11.3 21.8 21.6 19.2 18.4 15.0 12.1 4.4
40 20 12 30 36 49 62 82 102
Road
July T. 1.90
1107

L C R

24.014

1011+80			5.8	18.2	
1012			5.8	18.2	
+00			3.2	20.8	
+62.8 △ BC,			3.7	20.3	
"			5.48	18.53	on Hub
1013			2.5	21.5	
+40			1.6	22.4	Top of Levee
+50			1.4	22.6	
1014			1.0	23.0	
+00			1.1	22.9	
1015			1.3	22.7	
+30			2.1	21.9	
+00			4.1	19.9	
BM 3310		24.619	2.705	21.309	
1015+92.6 EC.			4.57	20.05	
1016			4.6	20.0	
+50			5.9	18.7	
1017			5.6	19.0	
BM 3rd	2.408	23.111	3.713	20.906	on Spike in Tel Pole 3'L 1017+25 Elev = 20.927 − 20.906 = 00.021 trip
+00			3.5	19.8	
+48			3.2	20.1	
+75.4 △ BC,			3.47	19.64	
1018+05.4			3.9	19.4	
+35.4			3.3	19.8	
+57			3.0	20.3	
+65.4			3.6	19.7	
+95.4 △ CC			3.9	19.4	

Abandoned

1108

23,314

					L	C	R
1019			3.0	20.3			
+50			3.0	20.3			
1020			2.4	19.9	12.4 19.2 18.3 17.0 4.3 / 85 81 16 42 61		
+28± ℄ CC. T2 L			4.4	18.9			
" ℄			5.27	18.04	on Heat		
+58±			4.9	18.4			
+88±			5.0	18.3			
1021 + 18±			4.9	18.4			
+48± ℄ E.C.			4.61	18.70			
+50			4.5	18.8			
1022			2.4	19.9	12.4 11.8 20.4 17.0 15.5 15.2 3.6 / 36 10 13 Rock 39 54 79		
TP	3.007	23.151	3.165	20.149			
B.M.	3.503	23.151	3.503	19.648	Nail in Tele Pole 90' R 1021 + 70		
Elev on Top of State Government Gage			2.42	20.73	State Gov Water Gage Elev 24.50 / 20.73 / 3.77 diff		off Station 24.5 20.7 / 7.4 17.1 / 3.6
+50			2.7	20.2			
1023			4.0	19.2	Top of State Gov Gage Elev 20.780		
+50			4.3	18.9	U.S.G.S. Engineers Elev 20.159		
1024			4.2	18.7	Diff in Elev 0.577		
+50			2.4	19.8	12.2 18.1 18.8 15.1 14.2 14.2 3.6 / 22 3 9 25 Rock 31 56 81		
+75±			1.0	22.2			
1025±			1.1	22.1			
+50			1.6	22.6			
1026			0.5	22.7	12.4 13.2 11.3 13.0 15.5 14.3 13.5 11.7 3.6 / 20 2 15 22 Rock 51 62 89 90		
TP	2.467	24.938	2.680	22.471			
+40			3.1	21.8			
+60			4.5	20.4			
+65			6.4	18.5			

From Sta 1024 to 1028 Seg Book 3 Pg 3 Abandoned

1109

39

24.938

1027		6.5	18.4
+50		7.0	17.9
1028		6.8	18.1
+50		7.8	17.1
1029		7.7	17.2
+34 ~~+50~~		8.67	16.27
+50		8.1	16.4
1030		11.1	13.8
+50		9.7	15.2
+60		9.5	15.3
+65		8.4	16.5
1031		8.0	16.9
+20		8.3	16.6
+35		9.6	15.3
+40		9.5	15.4
+50		6	13.3
+60		10.1	14.8
1037		9.4	15.5
TD	4.895	4.900	20.038
+50		8.4	16.3
+70		10.2	14.5
1033		10.2	14.5
+20		8.9	15.8
+50		9.7	15.0
1034		9.8	14.9
+20		6.2	18.5
+50		10.1	14.6
+60		9.3	15.4

Abandoned

L C R

Tot		Tot					adj.
122	154	211	208	149	145	88	344
15	7	7	20	38	Rest 54	77	92
Tot							adj.
121		195	199	157	131	134	346
4		13	28	38	Rest 20	88	94
Tot							adj.
116		200	195	167	145	128	342
10		14	30	37	Rest 56	98	103
Tot		Tot					adj.
147		206	198	155	157	120	344
7		19	31	41	Rest 54	60	76

1110

40

L C R

24.733

+75			10.0	14.7
1035			9.4	15.3
+20			8.7	16.0
+30			10.4	14.3
+50			10.3	14.4
+65			8.3	16.4
+80			7.4	17.3
+90			8.9	15.8
1036			6.66	18.07
+50			8.0	16.7
1037			7.4	17.3
+50			9.0	15.7
1038			9.2	15.5
+50			10.8	13.9
+80			11.8	12.9
1039			12.3	12.4
~~TP~~	0.980	21.778	0.985	20.798
+50			8.6	13.2
+65			7.1	14.7
1040			9.24	12.44
+50			9.6	12.2
1041			12.5	11.3
+50			8.4	13.4
1042			7.1	14.7
+25			5.70	16.08
+30			5.6	16.2
+50			6.8	15.0

Abandoned

41

E Retraced

		21.778			
1043			7.6	14.2	
BM.	7.460	21.778	7.460	14.318	Root & Sycamore Ave 75'R 1042+50
+50			7.6	14.2	
+90 4Δ C.C.			7.88	13.90	
1044			6.9	14.9	
+50			7.7	14.1	
1045			6.9	14.9	
+50			5.1	16.7	
TP	1.428	20.566	2.650	17.138	
1046			2.6	18.0	
+50			2.6	18.0	
1047 Δ			2.9	17.7	
" Δ			2.46	18.11	
+50			2.7	17.9	
+75			3.7	16.9	
1048			7.7	12.9	
+50			9.6	11.0	
1049			11.2	9.4	
+25			9.9	10.6	
+50			9.4	11.3	
1050 Δ			9.12	11.45	
+50			9.2	11.5	
1051			8.7	11.9	
+50			8.4	12.6	
+66 C.C. TP	6.500	23.641	3.445	17.141	
1052			11.4	12.2	
+50			11.7	11.9	

Abandoned

L C R

	Toe		Top						W.S.
	10.8	11.3	19.4	17.5	14.6	13.8	13.3	3.6	
	20	4	7	Rod 36	50	63	102	114	
	18.9		18.4	17.5	14.4	13.0	3.6		W.S.
	40		Rod	30	40	102	112		
			on Slab						
	Toe			Top					W.S.
	11.7	12.1	13.7	16.9	16.8	15.7	16.6	23.0	24.5	15.7	14.0	3.6	
	12	4	5	14	18	31	Rod 36	58	72	94	107	120	
				Toe		Top						W.S.	
				11.4	17.1	17.7	15.7	15.7	22.4	23.0	15.0	3.6	
				7	19	22	25	Rod 38	54	77	95	120	
				TP									
	11.7		16.8	17.0	17.1	15.0	15.0	20.6	21.0	22.6	14.6	11.6	3.6
	20		13	25	29	33	47	52	70	84	102	124	141
							Rod						

1112

42

E Retraced

		23.641		
1053			11,8	11.8
+50			12.5	11.1
1054			11.9	11.7
+50			11.4	12.2
1055			11.7	11.9
+50			11.6	12.0
1056			12.2	11.4
+50			12.4	11.2
1057			12.3	11.3
+50			12.1	11.5
1058			12.1	11.5
+50	3980	21.239	6.382	17.259
+50			9.1	12.1
1059			9.3	11.9
+50			9.5	11.7
1060			9.6	11.6
+50			9.5	11.7
1061			9.1	12.1
+50			9.0	12.2
"			9.70	11.52
1062			8.9	12.3
+50			9.0	12.2
1063			9.1	12.1
+50			9.8	11.4
1064			10.73	10.81
+50			10.8	10.4
1065			10.7	11.0

Abandoned

L L R

				tie	trip									w.s.
		11.2		11.7	16.8	16.6	14.7	13.5	23.4	22.3	13.9	12.3		3.6
		20		4	16	20	25	45		66	85	112	133	149
				tie	trip									w.s.
	110	11.2		16.6	16.5	14.6	14.3	12.3	12.5	22.8	22.2	13.3	13.2	3.6
	20	1		12	15	20	36	44	65	88	105	128	147	169
				tie	trip									w.s.
	114			16.8	16.6	14.1	14.6	11.4	12.2	21.6	21.4	13.1	13.4	3.6
	1			11	15	20	35	42	81	103	120	144	165	189
				tie	trip									w.s.
	114			17.6	17.0	16.8	14.5	14.2	13.0	11.2	22.5	22.2	14.2	
	20			14	17	22	37		42	100	130	144	167	192
				tie										w.s.
	114			17.0	17.4	17.5	14.2	14.4	13.3	11.1	22.2	21.3	12.5	12.7	3.4
	20			12	19	21	26	43	51	125	139	144	163	187
				tie										w.s.
	112			16.7	16.7	14.4	13.7	13.2	11.4	22.7	22.5	12.7	11.0	4.1
	8			10	23	28	44	50	85	110	128	151	179	197

on Hat

Julgrotten

x+y ditch

average ground-sta in ditch

43

E Retraced

L C R

		21,239		
T.P.	3296	20.290	4.248	16,994
1065 +40			8.2	12.1
+45			5.2	15.1
+50			5.4	14.9
+60			4.7	15.6
+75			4.8	15.5
+83			8.2	12.1
1066			8.0	12.3
+30			8.0	12.3
+80			4.0	16.3
1067			4.9	15.4
+10			5.2	15.1
+15			8.2	12.1
+50			8.4	11.9
+85			8.0	12.3
+90			5.9	15.4
1068			4.9	16.4
+10			4.0	16.3
+15			7.9	12.4
+50			8.0	12.3
+55			6.8	13.5
+65			6.5	13.8
1069			7.7	12.6
+05			6.3	14.0
+15			6.0	14.3
T.P.	6890	43.592	3.588	16.702
+30			11.0	12.6

Abandoned

												43.
	64											
12.1	17.1	16.8	13.4	13.0	13.1	11.2	11.3	14.1	8.5	4.8
6	16	21	27	44	65	83	108	127	170	174

												+0
16.5	15.0	14.9	12.3	12.9	12.6	14.5	14.0	6.8	4.1
17	33	37	52	76	99	119	145	160	168

filled in

1114

E Retraced

L C R

		23.572			
+40			9.2	14.4	
+50			11.2	12.4	
1070			11.6	13.0	
+05			11.5	12.1	
+10			10.6	13.0	
+20			10.3	13.3	
+25			11.9	11.7	
+50			12.4	11.2	
1071			12.2	11.4	
+40			11.7	11.9	
+50			8.0	15.6	
1072			7.1	16.5	
+50			8.5	15.1	
1073			8.4	15.2	
BM.	9.092	23.592	9.092	14.500	Small Bolt driven in Base of Oak Tree 50' R 1070+70
+40			6.7	16.9	
+50			7.7	15.9	
TP	5.532	22.314	6.810	16.782	
1074			8.42	13.89	Iron Hub
+35			6.8	15.5	
+50			7.8	14.5	
+75			8.5	16.8	
1075			5.1	17.2	
+50			5.6	16.7	
1076			3.8	18.5	
+50			2.4	19.9	
1077			1.2	21.1	

Abandon

1070 — 12.0 17.5 17.1 15.0 14.3 20.7 20.8 11.3 12.0 4.1 / 8 9 16 3.0 Rang 5.0 6.5 8.1 10.8 12.9 15.3

1072 — 17.0 19.4 19.0 15.2 13.7 4.1 / 6 14 Rang 38 46 12.3 12.5

1074 — 13.4 18.0 19.3 17.0 16.7 14.2 9.4 4.1 / 6 13 Rang 4.5 5.6 6.4 7.3 11.3 11.8

1076 — 12.2 20.1 19.5 13.3 7.5 4.1 Ferry Landing / 16 5 Rang 9.8 5.1 9.6 10.1

45

"E" Retraced

		22.314		
T.P.	6463	20.134	3.643	18.671
+50			46	20.5
+65			45	20.6
1078			3.9	22.2
+50			2.6	22.5
1079			3.2	21.9
+50			3.1	22.0
"			2.78	21.35
+80			2.0	22.1
1080			3.2	21.9
+50			2.8	23.3
1081			5.6	19.5
+20			5.4	19.7
+30			6.8	18.3
+50			6.6	18.5
1082			5.3	19.8
+40			5.8	19.3
+50			7.1	17.0
+60			8.4	16.7
1083			8.3	16.8
+01	cc. 1°15'		8.68	16.45
+50			6.0	19.1
+90			7.7	17.4
1084			8.6	16.5
+10			8.5	16.6
+20			12.8	12.3
T.P.	4.340	25.474	4.320	20.904

Abandon

L C R

on Hub

on Hub

Low Place in Ledge

1116

E Retraced

L C R

		25.944		
1084 +50			12.9	12.3
1085			10.5	14.7
+50			9.8	15.4
1086			11.8	13.4
+01			12.72	13.07
T.P.	4.950	16.654	13.540	11.704
+50			7.8	13.9
1087			5.0	11.7
+50			4.6	12.1
1088			3.8	13.9
+50			4.3	12.4
1089			4.6	12.1
+50			4.4	12.3
T.P.	4.474	16.184	11.598	12.046
1090			4.7	11.5
+50			4.7	11.5
1091			2.9	13.3
+50			3.0	13.2
1092			2.1	14.1
T.P.	9.548	24.[illegible]0	14.692	14.692
+20			7.8	16.4
+50			7.5	16.7
+60			7.3	16.9
+70			7.1	17.1
+80			6.1	18.1
+90			6.5	17.7
1093			4.9	19.3

Abandoned

July 14th 1905

U.S. Winnipesaukee Triangulation
Assumed Levels

1117

47

"E" Retraced

		24.240		
1093 +50			5.7	18.6
1094			9.8	14.4
+50			11.0	13.2
1095			9.8	14.4
+50			10.1	14.1
TP	4477	16.114	12.553	11.687
1096			9.8	14.2
+50			11.6	14.5
+67			11.13	14.98
B.M.	5308	16.114	5308	10.806
1097			4.0	16.1
TP	14610	26.741	4483	11631
+50			8.2	17.8
1098			8.4	17.7
+50			8.9	17.3
1099			6.3	19.9
+50			4.9	21.3
+73.5 CC			5.38	20.86
1100			5.6	20.6
+50			5.1	21.1
1101			5.8	20.4
TP	4980	21.950	4.971	21.970
+50			4.7	22.3
1102			3.8	23.2
+50			3.9	23.1
1103			4.3	22.7
+50			7.05	18.90

Abandoned

L C R

Tue Tup

11.7 21.2 20.6 15.4 3.4 WS
6 14 56 82 107

Tue Tup

12.0 21.0 20.0 16.0 3.4 WS
1 19 60 91 110

Nail in Base of Small Pear Tree 60' L 1097

Tue Tup

12.4 20.9 20.0 15.2 3.4 WS
6 9 -1.2 90 105

Tue Tup

12.0 21.1 21.2 12.0 3.4 WS
17 2 36 75 95

Tue Tup

11.4 21.9 21.6 10.0 2.4 WS
22 4 29 77 92

1118

48

"E" Retraced

		25.950		
1104			10.0	16.0
+50			13.3	12.7
1105			11.5	14.5
+33			8.81	17.14
+50			10.3	15.7
1106			12.9	13.1
+25			12.4	13.6
+35	C.C. T½		12.61	13.34
+65			12.3	13.7
+95			11.1	14.9
1107+25			12.4	13.6
+55			12.5	13.5
+85			12.0	14.0
1108+15			13.1	12.9
+45	E.C.		14.40	11.55
TP	5210	16.957	14.403	11.547
+50			4.8	12.2
1109			5.0	12.0
+50			4.7	12.3
1110			4.8	12.2
+50			4.1	11.9
1111			4.7	12.3
+50			4.5	12.5
1112			5.1	11.9
+50			5.1	11.9
1112			5.2	11.8
+50			4.8	12.2

Abandoned

L C R

top

12.0	23.0	22.8	9.6	3.4
7	12	40	83	93

top

11.0	21.9	21.8	14.0	3.4
4	16	58	83	107

top

11.2	20.8	21.0	16.0	3.4
5	18	60	85	110

top

10.5	21.6	21.0	15.0	3.4
5	21	68	80	104

top

10.2	21.8	22.0	14.5	3.4
6	25	80	90	118

1119

"E" Retraced

		16.957		
1113+75 ±	BC.		4.47	12.49
1114+05 ±			4.5	12.5
+35 ±			4.7	12.3
+65 ±			7.0	10.0
+95 ±			7.6	9.4
1115+25 ±			7.8	9.2
TP	10050	21.410	5397	11,360
+55 ±			5.0	13.4
+85 ±			2.9	17.5
+90			2.7	18.7
1116+15 ±			2.3	19.1
+35			8.3	13.1
1116+45 ±	CC.		8.18	13.23
1117			8.2	13.2
+50			8.7	12.7
TP	40148	20.756	4802	16.608
+57			4.7	14.1
+80			6.7	14.1
+85			4.9	15.9
1118			4.8	16.0
+50			4.1	16.0
+65			4.8	16.0
+70			5.7	15.0
1119			4.9	15.9
+20			4.7	16.1
+25			1.6	19.2
+35			2.7	18.6

Abandoned

L C R

tw
12.0
6

19.1 19.4 21.3 22.2 21.6 14.3 10.2 3.4
24 35 46 63 70 84 140 143

Bright Roadway

tw TP
14.4 20.7 18.2 12.4 3.4
16 30 66 140 150
Road

16.0 19.2 19.4 16.7 14.9 3.4
12 25 29 Road 62 140 112

1120

50

E Retraced

		20.756		
1119+50			3.2	17.6
+90			6.1	14.7
1120.			7.5	13.3
+03 ±	CC. T½		7.580	13.176
+15			6.6	14.2
TP	7.018	23.737	4.042	16.714
+33 ±			8.3	15.4
+63 ±			7.0	16.7
+93 ±			6.8	16.9
1121+23 ±			7.3	16.4
+53 ±			8.1	15.6
+58			7.7	16.0
+78			7.9	15.8
+83 ±			7.0	16.7
1122			7.1	16.6
1122+13 ±			6.6	17.1
BM.	4.730	23.737	5.730	18.007
+43 ±			3.0	21.7
+73 ±	EC.		1.65	22.08
1123			1.1	22.6
+50			1.2	22.5
1124			4.2	19.5
+50			2.3	20.4
TP	4.280	25.117	2.995	20.737
1125			6.3	18.8
+50			6.3	18.8
1125+76 ±	Pc.		6.58	18.62

Abandoned

L C R

Tie
14.7 20.1 17.0 13.8 3.4
6 35 Road 59 105 110

Road way 10 left
18.0 17.2 14.1 3.4
22 Road 50 80 100

on Dump 50' R 1122 (old and destroyed)

Tie
11.2 7.6 22.0 17.0 14.6 3.3
13 3 Road 23 50 108 93

1121

57

25.117

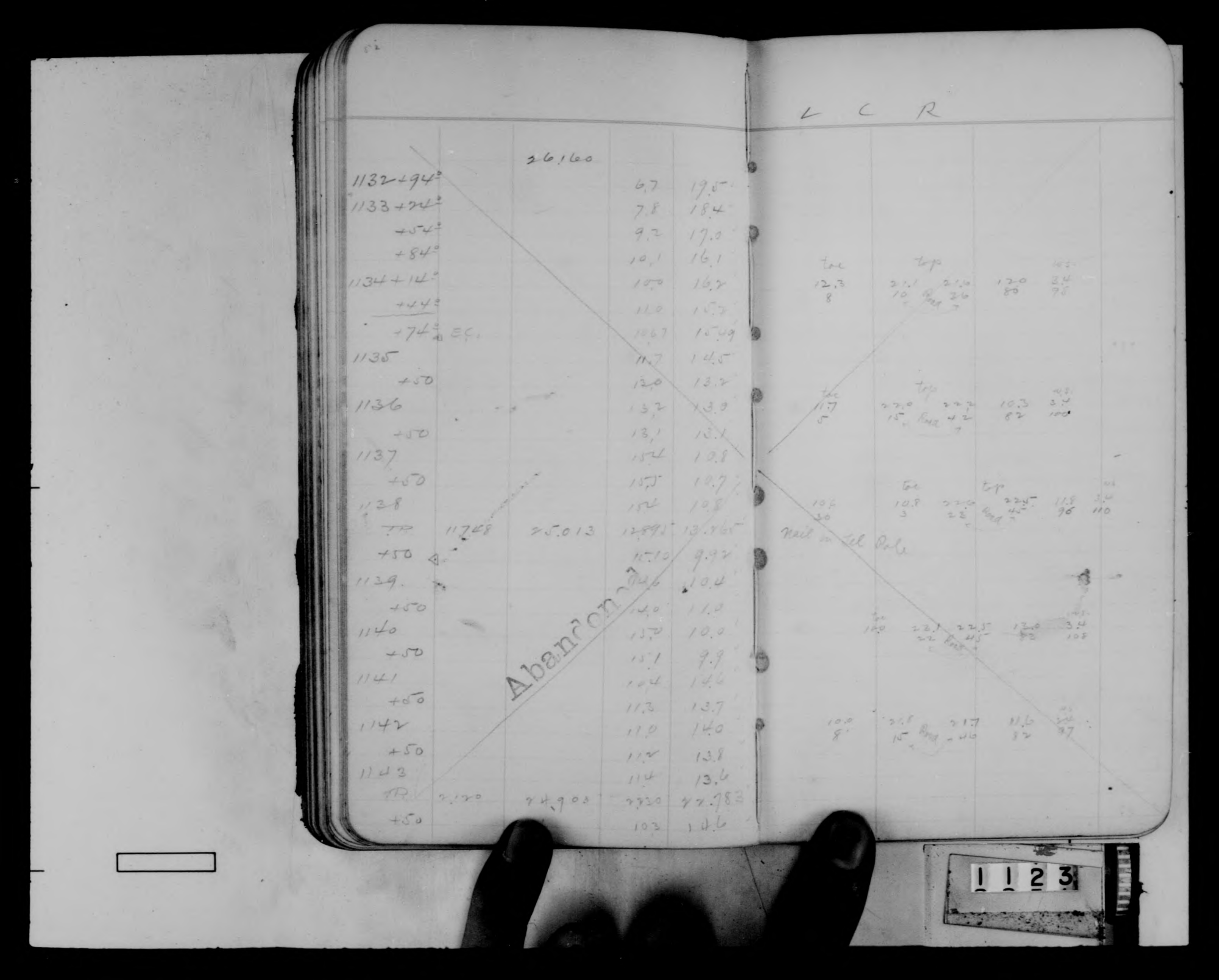
1126	+06°		6.6	18.5
	+36°		7.4	17.7
	+66°		8.2	16.9
	+96°		9.0	16.1
1127	+26°		10.6	14.5
	+56°		10.9	14.2
	+86°		12.5	12.6
1128	+16°		13.4	11.7
	+46°	c.c.	14.05	11.07
	+50		12.6	12.5
	+67	school	12.5	12.6
	+91		12.4	12.7
1129			13.0	12.1
	+35		13.9	11.2
	+45		8.0	17.1
	+50	Road way	8.0	17.1
	+55		8.3	16.8
	+65		7.6	12.6
1130			7.1	18.0
	+50		7.5	19.6
1131			4.7	20.4
	+50		5.7	19.4
1132			4.5	20.3
	+04°	c.c.	4.83	20.29
	+35	5870	4.527	20.290
	+34°		7.2	19.0
	+64°		7.1	19.1

Abandoned

L C R

tie	trip				45
12.7	22.3	22.7	13.0	3.4	
8	5 Road	26	71	91	
tie	trip				45
11.7	22.9	22.2	10.6	3.4	
	17 Road	37	78	100	
tie					45
11.7	22.1	24.5	slope & river	3.4	
12	10 Road	25		90	
					45
10.8	21.6	21.3	10.6	3.4	
10	6 Road	25	67	87	

1122

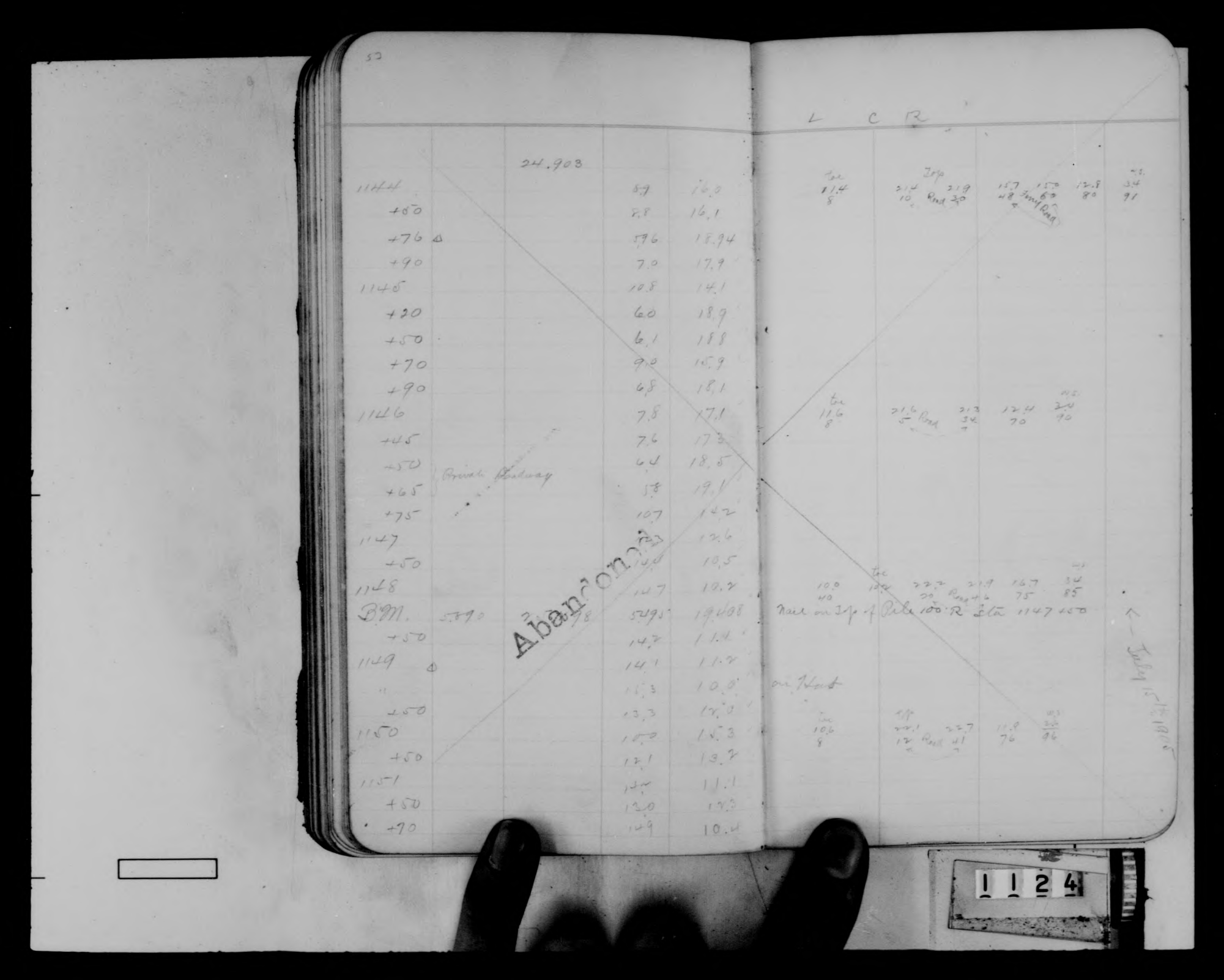

L C R
26,160
1132+94
1133+24
+54
+84
1134+14
+44
+74 EC.
1135
+50
1136
+50
1137
+50
1138
TP 11748 25.013 12,892 13.865
+50
1139
+50
1140
+50
1141
+50
1142
+50
1143
TP 2,120 24,903 2,730 47.783
+50
6.7 19.5
7.8 18.4
9.2 17.0
10.1 16.1
10.0 16.2
11.0 15.2
10.67 15.49
11.7 14.5
12.0 13.2
13.2 13.9
13.1 13.1
15.2 10.8
15.7 10.7
15.2 10.8
11.10 9.92
14.6 10.4
14.0 11.0
13.2 10.0
13.1 9.9
14.4 14.6
11.3 13.7
11.0 14.0
11.2 13.8
11.4 13.6
10.3 14.6
Abandoned
Nail in Tel Pole
tac trp
12.3 21.1 21.0 12.0 3.4
8 10 Brg 26 80 98
tac trp
11.7 22.0 22.2 10.3 3.4
5 15 Brg 42 82 100
tac trp
10.4 10.8 22.0 22.5 11.8 3.4
3 30 22 Brg 45 96 110
tac
14.0 22.1 22.5 12.0 3.4
22 Brg 45 82 108
10.0 21.8 21.7 11.6 3.4
8 15 Brg 46 82 97
1123

24.903

				L	C	R
1144		8.7	16.0	toe 11.4 8	21.4 10 Road 30	21.9 15.7 48 Temp Road 15.0 63 12.8 80 45 34 91
+80		7.8	16.1			
+76 △		5.96	18.94			
+90		7.0	17.9			
1145		10.8	14.1			
+20		6.0	18.9			
+50		6.1	18.8			
+70		9.0	15.9			
+90		6.8	18.1			
1146		7.8	17.1	toe 11.6 8	21.6 5 Road 21.3 34 12.4 70 45 34 90	
+45		7.6	17.3			
+50		6.4	18.5			
+65	Private Roadway	5.8	19.1			
+75		10.7	14.2			
1147		12.2	12.6			
+50		14.0	10.5			
1148		14.7	10.2	toe 10.0 40 10.4	22.2 20 Road 21.9 46 16.7 75 45 34 85	
B.M.	5.890	5.798	19.408	Nail on Top of Pole 100' R Sta 1147 +50		
+50		14.7	11.4			
1149 △		14.1	11.2			
"		15.3	10.0	on Hard		
+50		13.3	12.0			
1150		15.0	12.3	toe 10.6 8	19 22.1 12 Road 22.7 41 11.8 76 45 34 96	
+50		12.1	13.2			
1151		14.2	11.1			
+50		13.0	12.3			
+70		14.9	10.4			

Abandoned

← July 15 1925



		25.298		
1157			14.8	10.5
TP	1.162	23.095	3.365	21.933
+50			11.9	11.1
1153			11.1	12.0
+50			10.5	12.6
+54.7	⊿ Bl.		13.17	9.88
1154			10.2	12.9
BM.	12.720	23.095	12.720	10.375
+50			11.9	11.1
1155			10.2	12.5
+60			10.4	12.7
1156			11.0	12.1
TP	4.145	22.325	4.915	18.180
+50			11.6	10.7
+65			11.7	10.6
+75			6.3	16.0
+83			7.0	15.3
+85	⊿		8.47	13.86
1157			10.0	12.3
+50			10.2	12.1
1158			10.0	12.3
+15			9.0	13.3
+20			5.1	17.2
+30			5.8	16.5
+40			6.3	16.0
+70			11.1	11.2
1159			2.5	17.8

Abandon?

∠ C R

Tie
10.7 21.6 Rng 45 21.7 12.3 3.6
7 26 73 98

Tie Tie
10.4 29.1 21.0 10.1 2.6
5 26 Rng 48 85 95

Note Base of Tel Obs "15" ∠ 105 ∠ 60

Tie Tie
10.8 21.5 21.7 20.9 6.5 3.6
3 17 Rng 43 75 82 85

Tie Tie
13.0 19.7 17.3 10.0 3.6
14 20 Rng 58 69 84

1125

55

						L	C	R					
			22.325										
1159+10 △				2.7	19.6'								
TP	5.240	24.825	2.740	19.585	on Rock								
+50			4.6	20.2									
1160			8.4	16.4'		tie							41.5
+50			9.3	15.5'		10.6	21.5	23.4	23.3	12.8	3.6		
1161			10.3	14.5		10	7	30 Road	35	73	95		
+50			8.5	16.3'		tie	TP				45		
1162			9.2	15.2		10.2	21.5	23.1	12.6	2.6			
+50			9.7	16.1		9.0	11	Rock 31	75	90			
1163			9.9	14.9			<	7					
+50			11.8	13.0		tie	TP				41		
1164			13.2	11.6		10.0	21.6	22.3	21.3	12.3	3.6		
+50			12.2	10.8		4	20	31	49	80	100		
1165 △			14.9	9.9			<	Road	7				
"			14.07	10.76									
+50			14.7	10.1									
1166			14.8	10.0		tie							42
TP	2.837	24.825	3.240	21.585		10.2	21.3	22.4	20.7	11.8	2.6		
+50			14.4	10.0		9	25	42	60	96	105		
1167			14.2	10.2			<	Road	7				
+50			14.6	9.8		tie							42
1168			14.5	9.9		10.8	21.9	22.1	22.0	12.2	2.6		
+45 △			14.11	10.33		12	29	50	67	90	102		
+48			14.1	10.3			<	Road	7				
+50	Detail		15.2	9.4									
+52			12.2	11.1									
+58			12.4	12.0									

Abandoned

1126

56

L C R

		24.442			
1169			11.6	13.8	
+50			9.8	14.6	
B.M.	9.600	24.442	9.600	14.842	on small stump 85 R 1169 +60 - (stump 3" in diameter)
1170			10.2	14.2	
+40			12.2	12.2	
+50			12.5	11.9	
+70			14.1	10.3	
+80			12.5	11.9	
1171			11.8	12.6	
+50			11.4	13.0	
1172			9.8	14.6	
+10	2.225	24.440	2.227	22.215	
+50			5.7	16.7	
+70			7.6	16.8	
+80			9.8	14.6	
1173			11.0	13.4	
+50			10.8	13.6	
1174			11.5	13.9	
+50			9.2	15.2	
1175			10.0	14.4	
+50			11.0	13.4	
1176			10.2	14.1	
+50			10.4	14.0	
1177			11.9	12.5	
+50			14.0	10.4	
+72	2.970	24.442	1.718	22.724	
1178			14.5	10.3	

Abandoned

1127

57

		24.797		
1178 +50			14.7	10.1
1179			14.1	10.7
+20			13.0	11.8
+35			6.4	18.4
+45			5.5	19.3
+50 △			7.12	17.67
+70			7.4	17.4
+80			11.7	13.1
1180			13.4	11.4
B.M.	8.483	24.797	8.483	16.309
+50 △			14.67	10.13
1181			14.6	10.7
+50			14.2	10.6
1182			13.9	10.9
1+7	4.455	25.117	3.700	21.397
+50			13.5	11.6
+75	bitch		15.2	9.9
+77			13.5	11.6
+80			13.0	12.1
+90	witch		15.4	9.7
+95			14.6	10.5
1183			14.6	10.5
+50			14.4	10.7
1184			14.6	10.5
+50			14.7	10.4
1185			14.6	10.5
+48.5 △ E.C.			15.37	9.75

Abandoned

L C R

Nail & tack on stump 50' L Sta 1180

on old road

1128

L C R

25.117

1185 +50			14.4	10.7
1186			14.4	10.7
+50			14.5	10.6
1187			14.6	10.5
+50			14.5	10.6
1188			14.8	10.3
1.4	3.140	+4.652	7.792	21.917
+50			14.3	10.7
1189			14.2	10.5
+50			14.3	10.4
1190			14.4	10.3
+50			13.5	9.7
1191			14.7	10.0
+47			14.7	10.0
+47			20.7	4.0
+50			20.5	4.2
+52			20.6	4.1
+52			14.7	10.0
1192			14.6	10.1
+50			14.1	10.6
1193			14.0	10.7
+09			14.0	10.7
+18			8.9	16.8
B.M.	7.950	+4.907	7.695	16.957
+30			8.7	14.7
+50			6.3	18.6
1194			5.1	19.8

Sump Hole

Abandoned

on Walnut stump 50 ft 1193

old Elev = 16.974
16.957
.017
Dif

							W.S.
Tan							
11.1	21.5	Red	21.4	12.4	10.5	3.1	
7	26		5	86	93	100	
							W.S.
Tan							
10.8	21.7		21.8	11.5	9.0	3.1	
10	27	Red	49	90	110	126	
							W.S.
Tan							
11.0	21.7		20.6	11.0	10.2	3.1	
7	29	Red	54	83	99	104	
							W.S.
Tan							
11.0	20.7		20.6	10.0	11.6	10.9	3.1
6	24	Red	57	66	77	94	96

1129

24.907

1194+17.9			5.40	19.507
+20			8.0	16.9
+50			14.0	10.9
1195			13.70	11.21
+40			13.1	11.8
+50			11.8	13.1
+60			13.7	11.2
1196			13.2	11.7
+50			11.3	13.6
1197			12.6	12.3
+50			12.0	12.9
1198			11.7	13.2
[illegible]	3.335	1.767	6.475	18.432
+30			9.7	17.1
+35			6.6	14.2
+50			6.6	14.2
1199			7.4	14.4
+50			7.4	14.4
+80			7.3	14.5
+85			5.1	16.7
1200			5.1	16.7
+25			3.98	17.79
+30			3.7	18.1
+35			5.1	16.7
+50			6.0	15.8
1201			7.1	14.1
+50			1.7	19.1

Abandoned

N. Base

10.0	10.0	20.0		20.0	20.5	13.2	11.0	3.1
30.0	4	2	Read	22	45	72	86	92

tie						
10.7	20.8	21.7	13.60	3.1		
40	16	24	60	96		

tie						
10.8	20.5	20.0	15.7	14.2	3.1	
5	15	40	57	76	92	

tie						
11.6	15.0	17.3	15.3	13.0	11.8	3.1
28	18	22	47	75	90	93

1130

60

L C R

		21.767		
T.P	4633	25.674	0.726	21.041
1201+60			4.6	21.1
1202			6.6	19.1
+50			9.9	15.8
1203			9.7	16.0
+50			10.8	14.9
1204			12.7	13.0
+50			13.3	12.4
1205			15.0	10.7
+50			14.4	11.3
T.P	1576	24.118	3.102	21.016
1206			13.7	10.4
+10			14.03	10.08
+50			14.1	10.0
1207			13.5	10.6
+50			12.4	10.7
1208			13.7	10.4
+50			13.5	10.6
1209			12.5	10.6
+50			14.3	9.8
T.P	3440	24.587	2.976	21.147
1210			14.5	10.1
+50			13.5	11.1
1211			14.4	10.2
+50			14.9	9.7
1212			14.7	9.9
+50			14.6	10.0

Abandoned

1131

L C R

		24,582		
1213			14.7	9.9
+50			15.1	9.5
1214			15.2	9.4
+50			15.4	9.2
1215			15.3	9.3
+50			15.1	9.5
+77	11.155	21.132	14.605	9.977
1216		"	11.4	9.7
1216+07½	BP. 7½		11.3	9.8
" Δ			11.78	9.35
+37½			11.5	9.6
+67½			11.4	9.7
+97½			10.6	10.5
1217+27½			10.9	10.2
+57½			11.0	10.1
+87½			10.5	10.6
+95			5.7	15.7
1218+15			6.3	14.8
1218+17½ Δ	CC.		7.70	13.43
BM.	old BM.	destroyed	7.240	13.892
B.M.	8.140	21.132	8.140	12.992
+50			6.7	14.4
1219			7.8	13.3
18	3.440	13.792	10.780	10.352
+08			1.1	12.7
+15			4.2	9.6
+40			4.2	9.6

Abandoned

old elev was 13.6224 – old B.M. destroyed
on Plug 60 R 1219 at N.E. Cor. of shed (this is a new Bldg)
on Root of Large Cottonwood Tree 100 R 1218

1132

L C 12

13.792

1219+50			2.7	11.1
1220			+2.3	16.1
+50			+1.2	15.0
TP	2732	16.104	0.420	13.372
1221			17	14.9
+50			0.4	15.7
1222			0.2	15.9
+75 E C.			+0.05	16.15
+55 E			1.3	14.8
+85 E			1.8	14.3
1223+15 E			1.9	14.2
+45 E			2.5	13.6
+75 E			3.2	12.9
1224+05 E			3.8	13.0
1224+35 E E.C.			3.7	12.4
"			4.41	9.69
+50			2.5	11.6
1225			3.7	12.4
TP	10.000	2 [illegible] 29	2.120	13.784
+50			10.3	13.7
1226			10.7	13.3
+50			10.7	13.3
1227			10.1	13.9
+06 E B.C.			9.12	14.87
+50			9.9	14.1
1228			8.0	16.0
TP	6.249	21 [illegible] 19	2.760	18.249

Abandoned

1133

63

July 18th 1905

		24.449										
1228 +50			8.2	16.2								
1229			11.2	18.2								
+50			9.2	16.2								4.5.
1230			8.1	16.2	Tur 10.1 12 10	21.7 Rain	21.7 25 7	11.8 65	11.4 76	3.5 91		
+50			8.6	16.8								
1231			7.3	17.1								
+50			7.3	18.9								4.2
1232			3.5	20.9	Tur 9.7 60	21.7 Rain 16 3	22.2	20.4 70	11.8 65	11.2 65		3.8 78
+50			3.2	21.2								
1233			3.3	21.1								
+50			3.8	20.6								
1234	SEMS	24.347	2.950	21.497	Tur 10.0 17	21.3 3	21.4 Rain 19	20.1 33	11.8 57	10.4 68		3.8 80
+50			3.2	19.2								
1235			6.7	17.6								4.1
+50			5.9	18.4	Tur							3.3
1236			6.0	18.3	9.9 15		21.0 22 6	21.6 40	10.0 60			82
+50			8.2	16.1								
1237			8.9	15.4								
+50			9.4	14.9								
1238			9.4	14.9	Tur 10.8 9	21.3 Rain 12	21.7 24	19.1 42	10.1 56	9.5 71		3.3 76
+50			7.4	16.4								
+60			7.0	17.3								
+70			4.1	20.2								
+80			4.2	19.3								
+90			8.1	16.2								
1239			9.0	15.2								

Abandoned

1134

64.

		24.347		
1239+50			0.5	18.8
T.P.	1.40	22.447	3.040	21.307
1240			3.13	19.92
+10			2.9	19.5
+25			4.3	18.1
+50			3.4	19.0
+75			2.2	20.2
1241			2.0	20.4
+25			3.8	18.6
+50			4.3	18.1
1242			0.5	16.9
+50			6.0	16.4
+60			6.0	16.4
+75			2.3	20.1
+85			2.1	20.3
+90			2.7	19.7
1243			3.2	18.5
+50			2.5	19.9
1244			4.1	18.3
T.P.			0.975	21.472
+50			9.2	16.2
T.P.			2.890	21.464
1245			10.5	14.9
+40			9.9	15.5
1245+50			7.7	17.7

Abandoned

Record in Tolliere

25.354

L C R

21.472
21.464
.008 Dif

Steele

21.472
3.582

1135

65

L C R

1245+70	Pump House Here		11.4	14.0
1246+50			11.53	13.82
+70			6.5	18.9
+75			7.2	18.2
1247			5.7	19.7
+10			5.4	20.0
+40	28.20	25.30	4.70	23.50
+50				20.2
1248			7.2	20.1
+25			8.3	19.0
+50			10.2	17.1
1249			8.6	18.7
+20			5.6	21.7
+50			5.2	22.1
1250			5.8	21.5
+20			7.0	20.3
+50			5.3	22.0
1251		27.29	5.4	21.9

Backed in

These Lines Abandoned

1136

L ℄ R

1251 +26 ½ E.C.			6.7	21.1
+50			6.7	21.1
+65			6.6	20.7
+75			9.5	17.8
1252			6.0	19.3
+25			12.4	14.9
+50			10.0	17.3
+85			7.7	19.6
1253			9.5	17.8
+20			9.0	18.3
+40	10935	27294	7.175	16.359
+50			7.7	15.8
1254			8.1	15.4
+50			5.7	17.8
+75			7.7	15.8
+85	Road			16.0
1255			1.6	11.9
+10			12.5	11.0
+50			12.6	9.9
1256			14.0	9.5
+50			13.5	10.0
1257			14.0	9.5
+50			14.1	9.4
+75			11.7	11.8
+90	2910	23.534	4.870	N15 W4
1258			11.9	14.4
1258+40		N6.34 W	7.6	N3.7

Abandoned

1137

67

L C R

+50			4.9	21.4
+80			10.0	16.3
+95			5.7	20.6
1259			5.6	20.7
+25			6.1	20.2
+30			9.2	17.1
+50			7.5	18.8
1260			7.0	19.3
+30			5.1	21.2
+50	Road		3.8	22.5
+70			4.2	21.1
1261			12.0	14.3
+20			10.5	12.8
+50			12.9	13.4
1262			13.2	13.1
+10	4630	26.344	3.375	21.714
1263+25	RC		12.9	14.2
+50			12.8	12.4
+75			10.6	10.5
1263			14.1	11.3
+50			12.5	14.6
1264			11.6	13.5
+50			11.6	13.5
+70			13.1	12.0
+85			11.7	13.4
+90			9.0	16.1
1265		25.089	8.7	16.4

Abandoned

1138

L C R

+50			9.3	15.8	
+80			9.8	15.3	
+90			13.7	11.4	
1266			14.1	11.0	
+50			12.6	12.5	
B.M.	7.887	25.089	6.614	17.207	Spike in walnut tree 8' R. 1265+70
+75			8.9	14.9	
1267			9.0	14.8	
+50			12.0	11.8	
1268			12.3	11.5	
+50			11.1	12.7	
1269			11.4	12.4	
+50			11.7	12.1	
1270			10.5	13.3	
+50			10.8	13.0	
1271			9.7	14.1	
1271+15 EC			10.5	13.77	
+50			8.7	15.7	
1272			9.8	14.0	
[illegible]	1.867	24.8[illegible]	2.120	21.954	
+50			10.0	15.1	
1273			8.3	16.8	
+50			7.7	17.4	
1274			7.3	17.8	
+50			9.2	15.9	
1275			5.8	19.3	
+50			6.7	18.4	
1276		25.079	7.0	18.1	

Abandoned

1139

L C R

+50			7.3	17.8
1277			7.1	18.0
+50			5.5	19.6
1278			5.1	20.0
+50			5.0	20.1
1279			6.4	18.7
+50			6.0	19.1
TP	2900	25.079	4.20	21.179
1280			2.8	19.5
+50			3.5	18.8
1281			2.0	18.3
+50			1.4	20.9
1282			1.1	21.2
+50			2.9	19.4
1283			2.1	20.2
+50			6.3	16.0
+45			7.2	17.9
+80			8.2	17.
+85			7.3	15.0
1284			6.8	15.5
TP	2799			15.5

These levels backed in

Abandoned

See Book No 8

Page 1

July 26th 1905

1140

Turning from B.M. on "E" Line

to establish B.M.s on Retraced

B.M.	3.900	20,438		16,533
T.P.	4.200	21,068	3565	16.868
T.P.	5.340	22,158	4230	16.838
T.P.	4.953	22.309	4802	17.356
T.P.	1.637	19.966	3980	18.329
B.M.			4697	15.069
T.P.	5.035	23.364	1637	18.329
T.P.	5.640	26.913	2091	21.273
T.P.	4.700	28.016	3597	23.316
B.M.	0.280	25.060	3236	24.780
T.P.	5.105	18.395	11.270	13.290
T.P.	4683	18.702	4376	14.019
T.P.	4.133	17.845	4683	13.712
T.P.			4.038	13.807
T.P.			1.736	16.109
B.M.	7.355	24.797		17.207
T.P.	4.946	26.463	3295	21.517
T.P.			5012	21.451

along the County Road - South

July 2nd 1905

Line -

at Fence Corner on Plug 25' R 861+40

Plug at Curve 50' R 902 Old Elev = 15.083
15.069
Diff .014

on large Cottonwood Tree 30' R 922+40

Old Reg 14.040
14.019
.021

Old Reg 13.823
13.817
.016

21.472
21.451
.021

26.463
21.472
4.991

Notes to Locate BM #20½ on Location Line "E"

T.P.	4.800	20.493		15.693
T.P.	7.362	21.176	6.779	13.764
T.P.			4.970	16.206
T.P.	5.306	22.611	3.821	17.305
T.P.			5.931	16.680
T.P.	4.962	20.655		15.693
BM #20½	3.703	20.303	3.055	17.600
T.P.			4.610	15.693

These Level Notes were started from an at Station 354+35 7 B.C. and took 2 which did not check by .008 then went 373 on old Location Line "E" and off from old Hub at Station 354+ and placed BM #20½ on 4"x4" near fence - Then Turned back on Location Line "E" for a Check on Hub at Sta 354+35 7 B.C.

on old BM. #21 - Old Elev = 16.214
16.206
.008 Diff

Check on old Peg 8 ft Left of Sta 373
Old Elev = 16,680
on Hub at Sta 354+35 7 B.C.
on 4"x4" Post 40' Lt Sta 355 = New Fence
on Hub at Sta 354+35 7 B.C.

old Hub on the Location Line "E" turns South to check on old BM #21 on to an old Peg 8 ft Left of Sta Checked exactly - Then took Elevation 35 7 B.C. on Location Line "E" Post 40' Left of Station 355 - Hub at 354+35 7 B.C. on old

1142